

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
March
2006

Arnold Schwarzenegger
Governor
State of California

Mike Chrisman
Secretary for Resources
The Resources Agency

Lester A. Snow
Director
Department of Water Resource

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://wwwoco.water.ca.gov>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Rewvisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of the publication date.
It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

Table of Contents

	Page
Organization Page	ii
Table of Contents.....	iii
Monthly Highlights.....	1

Oroville Field Division Water Operations

Table	Page
1 Antelope Lake, Daily Operation	2
2 Frenchman Lake, Daily Operation	3
3 Lake Davis, Daily Operation	4
4 Lake Oroville, Daily Operation	5
5 Thermalito Forebay, Including Diversion Pool and Power Canal, Daily Operation	6
6 Thermalito Afterbay, Daily Operation.....	7
7 Oroville-Thermalito Complex, Water Temperature Data	8

Delta Field Division Water Operations

8 North Bay Aqueduct, Delta Field Division.....	9
9 Delta Field Division Plant Data	10
10 Clifton Court Forebay, Daily Operation of Gates	11
11 Governor Edmund G. Brown California Aqueduct, Delta Field Division, Monthly Deliveries	12
12 South Bay Aqueduct, Delta Field Division, Monthly Deliveries.....	13
13 Lake Del Valle, Daily Operation	14

San Luis Field Division Water Operations

14 Consolidated State-Federal O'Neill Forebay, Daily Operations	15
15 Consolidated State-Federal San Luis Reservoir, Daily Operations.....	16
16 San Luis Field Division Plant Data.....	17
17 Consolidated State-Federal Los Banos Reservoir, Daily Operations	18
18 Consolidated State-Federal Little Panoche Reservoir, Daily Operations.....	19
19 Governor Edmund G. Brown California Aqueduct, San Luis Field Division, Monthly Deliveries	20
20 Consolidated State-Federal San Luis Canal, Daily Operations.....	22

San Joaquin Field Division Water Operations

21 San Joaquin Field Division Plant Data.....	23
---	----

22	Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries	24
23	Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries (Coastal Branch)	27
Southern Field Division Water Operations		
24	Southern Field Division Plant Data	28
25	Pyramid Lake, Daily Operation	29
26	Elderberry Forebay, Daily Operation	30
27	Castaic Lake, Daily Operation	31
28	Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (West Branch)	32
29	Silverwood Lake, Daily Operation.....	33
30	Lake Perris, Daily Operation.....	34
31	Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (East Branch)	35
Water Quality Operations		
32	Water Quality at Selected SWP Locations	37
33	Water Quality at Selected Delta Stations.....	38
34	Pesticides, Herbicides, and Other Organic Substances Detected in the SWP	39
Energy Operations		
35	Oroville and Delta Field Divisions Energy Data	40
36	San Luis Field Division Energy Data	41
37	San Joaquin Field Division Pumping Plant Energy Load Data.....	42
38	Southern Field Division Energy Data.....	43

MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of March 2006.

It was the wettest March since 1995 in most of California, with much below normal temperatures and a big boost to the snow pack during the month. A series of storms from a northwesterly direction out of the Gulf of Alaska brought rain and snow almost daily and set some new records for the number of days with precipitation. The water supply improved from last month.

Statewide precipitation was 130 percent of average for the 2005-2006 water year as of March 31. Statewide runoff was 155 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snow pack water content gained about 40 percent during March, nearly triple the normal gain, and reached 125 percent of average compared to 135 percent last year. It ranged from 110 in the Sacramento River region to 145 percent in South Lahontan regions. A series of mountain snowstorms made snow data collections difficult.

Total storage in major SWP reservoirs on March 31 was about 4.59 MAF, compared with about 4.20 MAF at this time in 2005. Average total storage in the major SWP reservoirs for 2006 through March 31 was about 4.6 MAF. Lake Oroville began the month at a seasonal high storage of 3,007,901 AF; about 190,000 AF encroached into flood regulation space. Oroville releases remained governed by U.S. Army Corps of Engineers rules, while encroached, through the month of March. Spill at Oroville for the month of March totaled about 461 TAF, as illustrated in Table 4, page 5. The 3-month total spill, to date, for Oroville is 1.003 MAF. End of month storage at Lake Oroville was about 2.90 MAF as compared to 2.46 MAF last year. The State's share of San Luis Reservoir storage was about 1.06 MAF, as compared with 1.06 MAF at this time last year. End of month combined storage in our southern reservoirs was about 624 TAF, compared with about 651 TAF at this time last year.

On March 11, at 19:05 hrs; a lightning strike near Devil Canyon Plant knocked out communications with the plant and head works Remote Terminal Unit (RTU). Communications were restored by re-initializing all the RTU's, except for Devil Canyon units #1 & #2. Reports stated the after bay RTU's had several bad cards and no replacements on hand.

On March 15, Thermalito Afterbay yearly operation for waterfowl nesting began. Thermalito Afterbay was placed at elevation 134.00 on 9 day intervals to prevent waterfowl from nesting too close to the water. This continued through June 1, 2006.

Through March, SWP water deliveries for 2006 were about 936 TAF. This is a combination of project, transfer, and exchange waters. This is 12 TAF less than that delivered during the same period in 2005.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of March, 2006. The end-of-month USBR-COA was 0 CFS.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Feb 28	5003.81	24,281									
1	5003.59	24,069	-212	20	0	0	335	2	357	250	
2	5003.42	23,905	-164	20	0	0	267	2	289	206	
3	5003.29	23,780	-125	20	0	0	220	2	242	179	
4	5003.16	23,656	-124	20	0	0	178	2	200	137	
5	5003.08	23,580	-76	20	0	0	156	2	178	140	
6	5003.03	23,532	-48	20	0	0	145	2	167	143	
7	5003.01	23,513	-19	20	0	0	140	2	162	152	
8	5002.95	23,456	-57	20	0	0	127	2	149	120	
9	5002.94	23,447	-9	20	0	0	125	1	146	141	
10	5002.90	23,409	-38	20	0	0	116	1	137	118	
11	5002.87	23,380	-29	20	0	0	110	1	131	116	
12	5002.83	23,342	-38	20	0	0	102	1	123	104	
13	5002.84	23,333	-9	20	0	0	100	1	121	116	
14	5002.84	23,352	19	20	0	0	104	2	126	136	
15	5002.82	23,333	-19	20	0	0	100	2	122	112	
16	5002.82	23,333	0	20	0	0	100	2	122	122	
17	5002.82	23,333	0	20	0	0	100	2	122	122	
18	5002.78	23,295	-38	20	0	0	96	2	118	99	
19	5002.76	23,276	-19	20	0	0	91	2	113	103	
20	5002.74	23,257	-19	20	0	0	87	2	109	99	
21	5002.74	23,557	300	20	0	0	87	2	109	260	
22	5002.72	23,238	-319	20	0	0	83	2	105	-56	
23	5002.75	23,276	38	20	0	0	83	2	105	124	
24	5002.78	23,295	19	20	0	0	91	2	113	123	
25	5003.06	23,561	266	20	0	0	120	2	142	276	
26	5003.06	23,561	0	20	0	0	151	2	173	173	
27	5003.06	23,561	0	20	0	0	151	2	173	173	
28	5003.06	23,561	0	20	0	0	151	2	173	173	
29	5003.02	23,523	-38	20	0	0	147	2	169	150	
30	5002.99	23,494	-29	20	0	0	140	2	162	147	
31	5002.98	23,485	-9	20	0	0	135	2	157	152	
Total cfs-days				---	620	0	0	4,138	57	4,815	
Total ac-ft				-796	1,230	0	0	8,208	114	9,551	
										8,755	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Feb 28	5577.75	40,709									
1	5578.21	41,313	604	2	0	0	0	3	5	310	
2	5578.63	41,869	556	2	0	0	0	3	5	285	
3	5578.98	42,336	467	2	0	0	0	3	5	240	
4	5579.23	42,671	335	2	0	0	0	3	5	174	
5	5579.47	42,995	324	2	0	0	0	3	5	168	
6	5579.69	43,292	297	2	0	0	0	3	5	155	
7	5579.86	43,524	232	2	0	0	0	2	4	121	
8	5580.10	43,852	328	2	0	0	0	2	4	169	
9	5580.23	44,031	179	2	0	0	0	2	4	94	
10	5580.44	44,319	288	2	0	0	0	2	4	149	
11	5580.57	44,498	179	2	0	0	0	2	4	94	
12	5580.69	44,664	166	2	0	0	0	2	4	88	
13	5580.81	44,830	166	2	0	0	0	2	4	88	
14	5580.97	45,052	222	2	0	0	0	2	4	116	
15	5581.07	45,192	140	2	0	0	0	2	4	75	
16	5581.16	45,317	125	2	0	0	0	3	5	68	
17	5581.31	45,527	210	2	0	0	0	3	5	111	
18	5581.37	45,611	84	2	0	0	0	3	5	47	
19	5581.48	45,765	154	2	0	0	0	3	5	83	
20	5581.57	45,891	126	2	0	0	0	3	5	69	
21	5581.65	46,004	113	2	0	0	0	3	5	62	
22	5581.71	46,089	85	2	0	0	0	3	5	48	
23	5581.76	46,154	65	2	0	0	0	3	5	38	
24	5581.96	46,442	288	2	0	0	0	3	5	150	
25	5582.36	47,010	568	2	0	0	0	3	5	291	
26	5582.53	47,253	243	2	0	0	0	3	5	128	
27	5582.71	47,510	257	2	0	0	0	3	5	135	
28	5582.92	47,821	311	2	0	0	0	3	5	162	
29	5583.10	48,072	251	2	0	0	0	3	5	132	
30	5583.29	48,347	275	2	0	0	0	3	5	144	
31	5583.48	48,623	276	2	0	0	0	3	5	144	
Total cfs-days				---	62	0	0	84	146	4,136	
Total ac-ft				7,914	123	0	0	167	290	8,204	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/					
Feb 28	5767.40	56,744									
1	5767.52	57,133	389	10	0	0	0	7	17	213	
2	5767.71	57,753	620	10	0	0	0	7	17	330	
3	5767.82	58,113	360	10	0	0	0	7	17	198	
4	5767.88	58,310	197	10	0	0	0	7	17	116	
5	5767.93	58,475	165	10	0	0	0	7	17	100	
6	5768.01	58,739	264	10	0	0	0	7	17	150	
7	5768.07	58,937	198	10	0	0	0	6	16	116	
8	5768.13	59,135	198	10	0	0	0	6	16	116	
9	5768.16	59,236	101	10	0	0	0	6	16	67	
10	5768.21	59,402	166	10	0	0	0	6	16	100	
11	5768.27	59,601	199	10	0	0	0	6	16	116	
12	5768.28	59,635	34	10	0	0	0	6	16	33	
13	5768.32	59,768	133	10	0	0	0	6	16	83	
14	5768.41	60,069	301	10	0	0	0	6	16	168	
15	5768.43	60,136	67	10	0	0	0	6	16	50	
16	5768.45	60,203	67	10	0	0	0	6	16	50	
17	5768.49	60,337	134	10	0	0	0	6	16	84	
18	5768.51	60,404	67	10	0	0	0	6	16	50	
19	5768.52	60,437	33	10	0	0	0	6	16	33	
20	5768.52	60,437	0	10	0	0	0	6	16	16	
21	5768.55	60,538	101	10	0	0	0	6	16	67	
22	5768.55	60,538	0	10	0	0	0	7	17	17	
23	5768.55	60,538	0	10	0	0	0	7	17	17	
24	5768.62	60,774	236	10	0	0	0	7	17	136	
25	5768.88	61,993	1,219	10	0	0	0	7	17	632	
26	5768.96	61,925	-68	10	0	0	0	7	17	-17	
27	5769.06	62,266	341	10	0	0	0	7	17	189	
28	5769.19	62,711	445	10	0	0	0	7	17	241	
29	5769.23	62,848	137	10	0	0	0	7	17	86	
30	5769.29	63,054	206	10	0	0	0	7	17	121	
31	5769.38	63,364	310	10	0	0	0	7	17	173	
Total cfs-days				---	310	0	0	0	202	512	3,849
Total ac-ft				6,620	615	0	0	0	400	1,015	7,635

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow						Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Deliveries to Lime Saddle Marina	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Feb 28	864.52	3,007,901									
	1	863.46	2,993,005	-14,896	19,280	0	0	151	61,686	81,117	0
	2	861.47	2,965,181	-27,824	19,342	0	0	68	62,149	81,559	0
	3	859.02	2,931,176	-34,005	19,093	0	0	60	58,017	77,170	0
	4	856.83	2,901,014	-30,162	24,957	0	0	52	42,293	67,302	0
	5	855.00	2,875,977	-25,037	24,340	0	0	74	38,325	62,739	0
	6	854.13	2,864,129	-11,848	27,626	0	0	170	33,988	61,784	0
	7	852.80	2,846,081	-18,048	25,773	0	0	7	36,322	62,102	0
	8	851.39	2,827,035	-19,046	25,143	0	0	139	30,619	55,901	0
	9	850.36	2,813,179	-13,856	21,999	0	0	44	24,132	46,175	0
	10	849.80	2,805,666	-7,513	28,225	0	0	87	8,099	36,411	0
	11	849.46	2,801,111	-4,555	28,501	0	0	36	1,545	30,082	0
	12	849.32	2,799,237	-1,874	26,161	0	0	51	0	26,212	0
	13	849.18	2,797,364	-1,873	26,222	0	0	15	0	26,237	0
	14	849.54	2,802,182	4,818	21,923	0	0	51	0	21,974	0
	15	849.67	2,803,924	1,742	19,949	0	0	44	0	19,993	0
	16	849.68	2,804,058	134	23,716	0	0	22	0	23,738	0
	17	850.25	2,811,702	7,644	23,072	0	0	15	0	23,087	0
	18	850.24	2,811,568	-134	24,248	0	0	30	0	24,278	0
	19	850.81	2,819,227	7,659	16,800	0	0	146	0	16,946	0
	20	850.76	2,818,554	-673	21,108	0	0	146	2,603	23,857	0
	21	850.18	2,810,762	-7,792	21,070	0	0	0	6,401	27,471	0
	22	849.95	2,807,677	-3,085	23,315	0	0	44	1,917	25,276	0
	23	849.58	2,802,718	-4,959	23,570	0	0	88	0	23,658	0
	24	849.78	2,805,398	2,680	23,417	0	0	73	0	23,490	0
	25	852.80	2,846,081	40,683	23,330	0	0	36	3,636	27,002	0
	26	853.98	2,862,089	16,008	26,267	0	0	74	9,495	35,836	0
	27	854.68	2,871,615	9,526	26,560	0	0	118	5,950	32,628	0
	28	855.76	2,886,356	14,741	26,748	0	0	81	7,314	34,143	0
	29	856.33	2,894,158	7,802	26,056	0	0	30	9,698	35,784	0
	30	856.47	2,896,076	1,918	26,644	0	0	22	8,917	35,583	0
	31	856.70	2,899,230	3,154	27,796	0	0	37	7,740	35,573	0
Total		-108,671	742,251	0	0	0	2,011	460,846	1,205,108	0	1,096,437

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

March 2006

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County 4/	Thermalito Irrigation District	Releases To River 5/	Hyatt Powerplant Pumpback	
Feb 28	23,361										
1	23,128	-233	80,966	501	0	33,778	4	1	45,648	0	-2,269
2	23,419	291	81,491	501	0	33,154	4	1	45,847	0	-2,695
3	22,576	-843	77,110	501	0	34,629	4	0	42,475	0	-1,346
4	23,386	810	67,250	501	0	35,211	4	1	30,375	0	-1,350
5	23,408	22	62,665	502	0	34,766	4	1	26,012	0	-2,362
6	23,423	15	61,614	509	0	34,554	4	0	25,813	0	-1,737
7	23,259	-164	62,095	510	0	34,209	4	1	25,813	0	-2,742
8	23,357	98	55,762	510	0	34,594	4	1	19,585	0	-1,990
9	23,351	-6	46,131	510	0	34,704	4	1	10,838	0	-1,100
10	23,324	-27	36,324	509	0	33,066	4	1	3,638	0	-151
11	23,720	396	30,046	510	0	28,770	4	0	1,386	0	0
12	23,672	-48	26,161	509	0	24,642	4	1	1,368	0	-703
13	22,966	-706	26,222	496	0	25,154	4	1	1,363	0	-902
14	23,115	149	21,923	460	0	20,646	4	0	1,355	0	-229
15	23,211	96	19,949	511	0	19,222	4	1	1,349	0	212
16	23,598	387	23,716	510	0	22,582	4	1	1,365	0	113
17	23,568	-30	23,072	332	0	22,470	4	1	1,366	0	407
18	23,493	-75	24,248	510	0	23,554	4	1	1,366	0	92
19	23,385	-108	16,800	511	0	16,264	4	1	1,349	0	199
20	23,229	-156	23,711	511	0	23,087	4	1	1,366	0	80
21	23,702	473	27,471	507	0	27,324	4	1	1,378	0	1,202
22	24,021	319	25,232	502	0	24,240	4	1	1,378	0	208
23	24,034	13	23,570	507	0	22,948	4	1	1,378	0	267
24	24,203	169	23,417	510	0	22,854	5	0	1,378	0	479
25	22,725	-1,478	26,966	510	0	25,457	5	0	3,538	0	46
26	23,691	966	35,762	510	0	30,803	5	1	3,814	0	-683
27	23,703	12	32,510	510	0	30,510	5	0	2,075	0	-418
28	23,407	-296	34,062	510	0	32,725	5	1	2,096	0	-41
29	23,497	90	35,754	510	0	33,610	5	1	2,089	0	-469
30	23,413	-84	35,561	508	0	33,590	5	1	2,089	0	-468
31	23,737	324	35,536	510	0	33,376	5	1	2,100	0	-240
Total		376	1,203,097	15,508	0	886,493	132	24	312,990	0	-18,590

1/ Sum of Thermalito Forebay and Diversion Pool.

4/ Includes 1 AF of entitlement water to Del Oro WD and 131 AF to Cal Water.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

5/ The sum of the flows from fish barrier dam and the fish hatchery.

3/ Includes Bypass flows at Thermalito.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Feb 28	127.48	24,295										
1	127.78	25,176	881	33,778	0	0	0	0	33,918	0	1,021	79,566
2	127.84	25,353	177	33,154	0	0	0	0	33,918	0	941	79,765
3	128.06	26,011	658	34,629	0	0	0	0	33,918	0	-53	76,393
4	128.12	26,191	180	35,211	0	0	0	0	33,918	0	-1,113	64,293
5	128.42	27,104	913	34,766	0	0	0	0	33,918	0	65	59,930
6	128.85	28,437	1,333	34,554	0	0	0	0	33,918	0	697	59,731
7	128.85	28,437	0	34,209	0	0	0	0	33,918	0	-291	59,731
8	128.93	28,688	251	34,594	0	0	0	0	33,918	0	-425	53,503
9	128.97	28,814	126	34,704	0	0	0	0	33,918	0	-660	44,756
10	129.25	29,704	890	33,066	0	0	0	0	31,339	0	-837	34,977
11	129.78	31,424	1,720	28,770	0	0	0	0	26,381	0	-669	27,767
12	129.81	31,523	99	24,642	0	0	0	0	24,794	0	251	26,162
13	130.47	33,731	2,208	25,154	0	0	0	0	23,009	0	63	24,372
14	130.37	33,392	-339	20,646	0	0	0	0	20,827	0	-158	22,182
15	130.51	33,867	475	19,222	0	0	0	0	18,744	0	-3	20,093
16	131.60	37,675	3,808	22,582	0	0	0	0	18,744	0	-30	20,109
17	132.58	41,260	3,585	22,470	0	0	0	0	18,744	0	-141	20,110
18	133.75	45,736	4,476	23,554	0	0	0	0	18,744	0	-334	20,110
19	132.62	41,409	-4,327	16,264	0	0	0	0	20,628	0	37	21,977
20	132.67	41,596	187	23,087	0	0	0	0	22,810	0	-90	24,176
21	133.67	45,424	3,828	27,324	0	0	0	0	22,810	0	-686	24,188
22	133.83	46,050	626	24,240	0	0	0	0	22,810	0	-804	24,188
23	133.60	45,151	-899	22,948	0	0	0	0	22,810	0	-1,037	24,188
24	133.47	44,646	-505	22,854	0	0	0	0	22,810	0	-549	24,188
25	133.80	45,932	1,286	25,457	0	0	0	0	24,992	0	821	28,530
26	133.62	45,228	-704	30,803	0	0	0	0	32,133	0	626	35,947
27	133.02	42,918	-2,310	30,510	0	0	0	0	33,918	0	1,098	35,993
28	133.02	42,918	0	32,725	0	0	0	0	33,918	0	1,193	36,014
29	133.14	43,376	458	33,610	0	0	0	0	33,918	0	766	36,007
30	133.29	43,951	575	33,590	0	0	0	0	33,918	0	903	36,007
31	133.43	44,491	540	33,376	0	0	0	0	33,918	0	1,082	36,018
Total		20,196	886,493	0	0	0	0	0	867,981	0	1,684	1,180,971

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

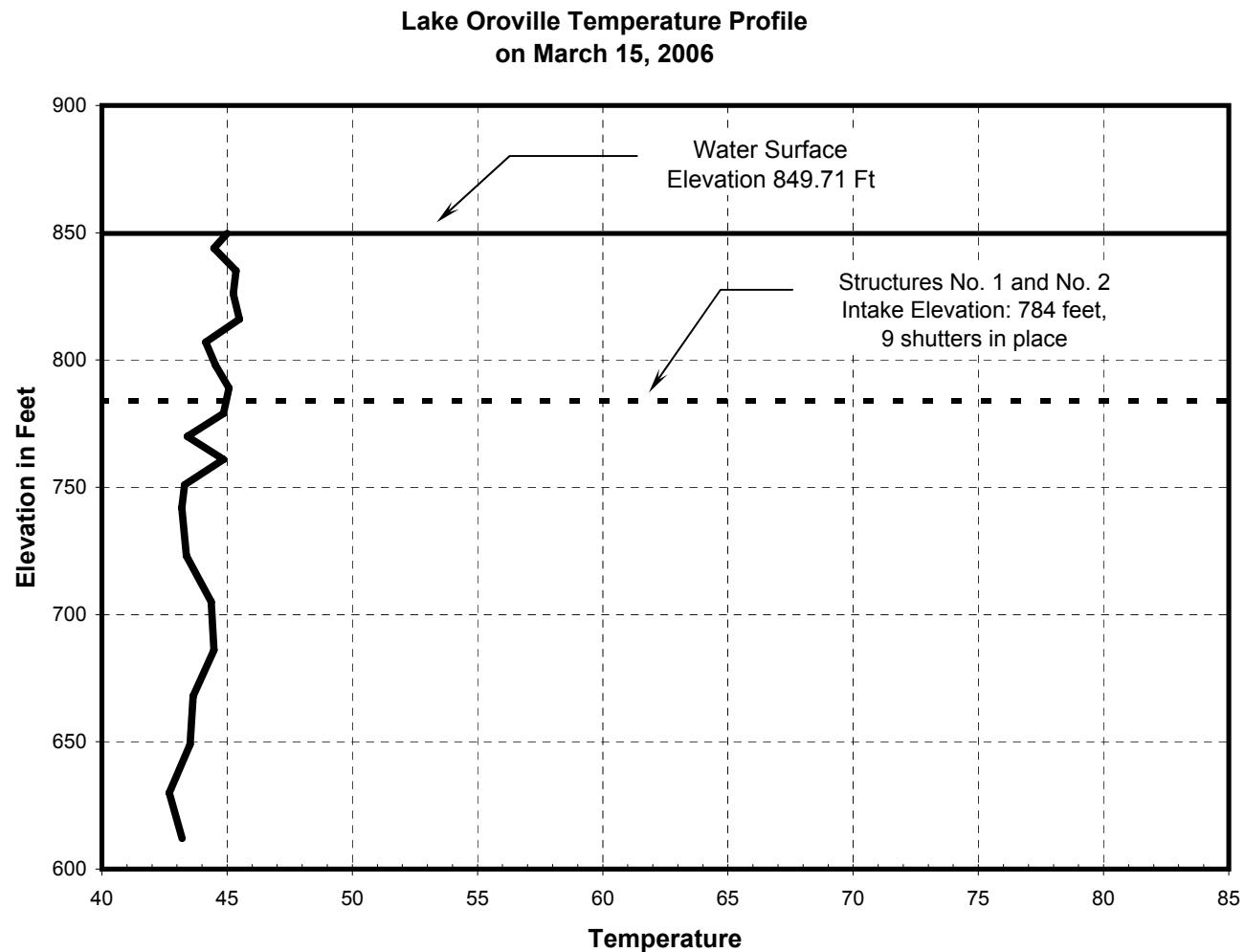
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

March 2006

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	46	46
2	47	46
3	46	46
4	46	46
5	46	46
6	46	45
7	46	45
8	46	46
9	47	46
10	46	45
11	46	44
12	45	44
13	45	45
14	45	44
15	46	44
16	46	44
17	46	44
18	47	45
19	47	45
20	46	45
21	46	45
22	46	45
23	47	45
24	47	45
25	48	45
26	48	44
27	47	46
28	47	45
29	47	45
30	46	45
31	46	45



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Structure			Table A		Permit	Article 21	
	No.	Structure	Mile	M & I		Benicia				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	436					
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	0					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0					
				Solano County Water Agency Fairfield / Vacaville 42"	0					
			17.00	Solano County Water Agency Central Solano	Stub					
2	3A	Cordelia Forebay	21.23							
		Cordelia Pumping Plant & Cordelia Spillway	21.30		419					
3B	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	45			1/ 45		
				Solano County Water Agency Benicia	252		20		232	
		Cordelia Surge Tank	23.33							
		Creston Surge Tank Connection	25.65						2	
			26.95	Napa County Flood Control & WCD American Canyon 2	2					
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	0					
			27.60	Napa County Flood Control & WCD American Canyon 1	120				120	

1/ Includes 4 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon and 41 AF of Solano County WA entitlement to the City of Vallejo.

Table 9. Delta Field Division Plant Data

(in acre-feet)

March 2006

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	17	18	5,107	5,107	193	0	0	0
2	18	18	5,107	5,107	215	0	0	0
3	23	19	3,626	3,626	224	0	0	0
4	19	17	8,608	8,608	248	0	0	0
5	13	16	7,208	7,208	194	0	0	0
6	20	18	4,622	4,622	221	0	0	0
7	17	17	4,822	4,822	205	0	0	0
8	19	16	4,841	4,841	176	0	0	0
9	19	16	4,079	4,079	186	0	0	0
10	17	19	4,079	4,079	178	0	0	0
11	19	17	4,079	4,079	176	0	0	0
12	18	19	4,843	4,843	176	0	0	0
13	22	18	4,747	4,747	147	0	0	27
14	15	16	3,808	3,808	146	0	0	60
15	21	17	3,927	3,927	147	0	0	60
16	19	18	3,282	3,282	127	0	0	71
17	14	14	4,953	4,953	66	0	0	155
18	22	29	4,953	4,953	32	0	0	187
19	17	17	3,116	3,116	30	0	0	166
20	3	4	7,200	7,200	0	0	0	180
21	0	0	8,843	8,843	41	0	0	180
22	0	0	6,259	6,259	30	0	0	180
23	0	0	6,342	6,342	31	0	0	201
24	0	0	5,859	5,859	31	0	0	208
25	0	0	5,775	5,775	31	0	0	233
26	0	0	6,052	6,052	31	0	0	330
27	0	0	5,879	5,879	35	0	0	217
28	12	0	7,092	7,092	30	0	0	180
29	21	29	7,254	7,254	29	0	0	188
30	26	22	5,853	5,853	31	0	0	200
31	25	25	5,485	5,485	30	0	0	209
Total	436	419	167,700	167,700	3,437	0	0	3,232

Table 10. Clifton Court Forebay

Daily Operation of Gates

March 2006

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	---	1:30	4:21	12:32	15:50	17:15	20:00	---	4,934
2	---	1:30	4:30	13:20	21:00	---			4,956
3	---	1:35	4:28	6:15	9:15	15:05	18:20	23:01	4,944
4	0:01	1:00	4:50	7:00	10:00	15:30			4,939
5	0:01	7:16							4,927
6	1:16	7:06							4,880
7	1:20	7:10							4,908
8	1:50	7:00							4,927
9	1:50	8:30							3,950
10	0:45	4:50	19:45	22:30					3,928
11	1:30	7:36							3,950
12	2:00	11:16							4,908
13	2:30	9:42							4,940
14	3:00	7:18							3,959
15	0:01	0:30	3:30	7:00					3,948
16	0:01	5:00							3,949
17	0:47	5:15	22:00	---					4,953
18	---	5:45							4,910
19	1:20	6:15	9:30	15:15					4,947
20	0:01	6:45	9:45	12:02					7,329
21	0:01	7:30	10:30	14:00					8,305
22	1:40	8:30							5,914
23	1:00	8:30	12:30	19:45	22:45	---			5,911
24	---	10:00							5,902
25	1:30	12:00							5,926
26	1:30	10:40							5,944
27	2:00	11:50							5,944
28	2:30	10:52							5,930
29	2:50	11:05							6,931
30	0:01	4:30	7:55	11:38					5,939
31	0:01	5:00	8:30	11:52					5,937
Total inflow for the month in AF:									163,669

Table 11. Governor Edmund G. Brown California Aqueduct
 Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2006

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Local	Loan Water	Dry Year Purchase	
	No.	Structure	Mile							
1	Banks Pumping Plant	3.32		167,700		32				
	South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	3,437						
	Check No. 1	5.95								
		8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0						
	Check No. 2	12.01								
	3	12.47	Musco Olive	32						
		Check No. 3	18.29							
	4	22.16	Tracy Golf & Country Club	0						
		Check No. 4	23.99							
2A	5	Check No. 5	29.73							
	6	Check No. 6	34.24							
	7	35.22	Turlock Fruit Company Inflow	0						
		Check No. 7	39.91							
	8	42.46	Oak Flat Water District-A	1		1	30	11	6	
		42.9	Western Hills WD	30						
		43.81	Oak Flat Water District-B	0						
		44.64	Oak Flat Water District-C	11						
		Check No. 8	45.97							
2B	9	46.18	Oak Flat Water District-D	6						
			Oak Flat Totals:	18		18	0	0	0	
	Check No. 9	51.3								
	10	Check No. 10	56.86							
	11	Check No. 11	61.4							
	12	66.14	Veteran's Cemetery	1						
		Check No. 12	66.71		158,611					

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A	Article 21	Purchase Pool B	Local	Recreation	
	No.	Structure	Mile								
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	3,437	2	900	900	900	900	
			3.17	Granite - Vasco Rd. (Temp.)	0						
			3.18	Oakland Scavenger Zone 7	2						
		Check No. 1	3.91								
	2	Check No. 2	5.21								
			7.21	Zone 7 Water Agency Altamont	0						
2	3	Check No. 3	9.49	Zone 7 Water Agency Patterson		3	95	95	95	95	
				Inflow Exchange	0						
				Project Water	900						
	4	Check No. 4	10.68								
		Check No. 5	12.29								
			13.55	Zone 7 Water Agency Wente #1	0						
			14.16	Zone 7 Water Agency Wente #2	0						
			14.31	Zone 7 Water Agency Ising	0						
		Check No. 6	14.65								
			14.78	Zone 7 Water Agency Arroyo Mocho Project Water	0						
4	7	Check No. 7	16.38								
			16.57	Zone 7 Water Agency Wente #3	0						
			16.63	Zone 7 Water Agency Wente #4	0						
			16.69	Zone 7 Water Agency Norman Nursery	0						
			16.70	Zone 7 Water Agency Concanon Project Water	0						
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	0						
				Pumped into South Bay Aqueduct	0						
				Gravity into South Bay Aqueduct	3,232						
5	8	Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2		3	95	95	95	95	
				Storage Exchange	0						
				Project Water	0						
				Storage Released	0						
				Inflow Release	95						
				East Bay Regional Park Dist.							
				Del Valle Recreation	6						
		La Costa Tunnel		Zone 7 Water Agency Wente #5	3						
				Zone 7 Water Agency So. Livermore Project	0						
				Inflow Released	173						
6				Storage Exchange	0						
7	La Costa Tunnel	22.50	Zone 7 Water Agency Kalthrof Detjens	0							
			ACWD								
8	Mission Tunnel	25.97	Vallecitos Project Water	0							
			City of San Francisco								
			San Antonio	0							
9	Santa Clara Pipeline	28.97	35.86	ACWD - Bayside 1 & 2		4,172	1,314	1,314	1,314	1,314	
				Inflow Release							
				Storage Released	0						
				Storage Exchange	0						

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

March 2006

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Feb 28	696.99	35,802									
1	697.80	36,340	538	588	0	48	0	0	2	50	0.09
2	698.26	36,648	308	361	0	48	0	0	5	53	0.33
3	698.75	36,978	330	383	0	48	0	0	5	53	0.45
4	699.21	37,289	311	362	0	48	0	0	3	51	0.02
5	699.54	37,513	224	275	0	48	0	0	3	51	0.00
6	699.97	37,807	294	346	0	48	0	1	3	52	0.38
7	700.37	38,081	274	324	0	48	0	0	2	50	0.13
8	700.70	38,308	227	279	0	48	0	0	4	52	0.04
9	701.00	38,515	207	262	0	48	0	1	6	55	0.02
10	701.27	38,702	187	239	0	48	0	0	4	52	0.14
11	701.61	38,939	237	287	0	48	0	0	2	50	0.37
12	701.94	39,169	230	281	0	48	0	0	3	51	0.12
13	702.20	39,351	182	264	0	48	27	1	6	82	0.05
14	702.64	39,660	309	420	0	48	60	0	3	111	0.27
15	703.02	39,928	268	380	0	48	60	0	4	112	0.03
16	703.26	40,098	170	292	0	48	71	0	3	122	0.02
17	703.44	40,226	128	337	0	48	155	1	5	209	0.55
18	703.56	40,312	86	325	0	48	187	0	4	239	0.05
19	703.63	40,361	49	267	0	48	166	0	4	218	0.00
20	703.76	40,454	93	328	0	48	180	1	6	235	0.00
21	704.04	40,654	200	430	0	48	180	0	2	230	0.94
22	704.23	40,790	136	367	0	48	180	0	3	231	0.00
23	704.30	40,841	51	303	0	48	201	0	3	252	0.00
24	704.27	40,819	-22	240	0	48	208	0	6	262	0.00
25	704.83	41,222	403	689	0	48	233	1	4	286	0.85
26	704.50	40,984	-238	144	0	48	330	0	4	382	0.04
27	703.98	40,611	-373	-103	0	48	217	0	5	270	0.01
28	703.77	40,461	-150	80	0	48	180	0	2	230	0.16
29	703.87	40,533	72	315	0	48	188	0	7	243	0.18
30	703.89	40,547	14	264	0	48	200	0	2	250	0.10
31	703.95	40,590	43	302	0	47	209	0	3	259	0.03
Total				4,788	9,629	0	1,487	3,232	6	116	4,841
											5.37

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Includes 169 AF of flood water released from AV2 Turnout to Arroyo Valle; 1,582 AF of natural inflow released and 1,481 AF of project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

March 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generated)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliv-eries 2/	
Feb 28	223.42	52,169										
1	222.84	50,619	-1,550	0	2,773	0	2,677	0	0	6,161	12	-58
2	221.80	47,861	-2,758	0	2,776	0	2,333	0	0	6,423	11	-65
3	220.72	45,027	-2,834	0	2,983	0	1,328	0	0	5,593	11	-136
4	221.72	47,651	2,624	0	3,164	0	4,103	0	0	5,807	11	-126
5	221.79	47,835	184	0	3,290	0	3,499	0	0	6,450	11	-235
6	222.45	49,580	1,745	0	3,396	0	2,527	0	0	4,776	11	-256
7	222.63	50,060	480	0	3,339	0	2,195	0	0	5,376	11	95
8	221.89	48,098	-1,962	0	3,356	0	2,183	0	0	6,328	12	-188
9	221.55	47,204	-894	0	3,396	0	1,978	0	0	5,592	13	-220
10	222.05	48,517	1,313	0	3,455	0	1,914	0	0	4,661	13	-33
11	221.82	47,914	-603	0	3,552	0	1,918	0	0	5,717	13	-44
12	220.89	45,472	-2,442	0	3,494	0	2,385	0	0	6,993	13	-104
13	221.19	46,259	787	0	3,452	0	2,252	0	0	5,261	13	-33
14	220.65	44,844	-1,415	0	3,470	0	1,722	0	0	5,648	13	-244
15	220.82	45,289	445	0	3,492	0	1,815	0	0	4,850	14	-219
16	220.80	45,237	-52	0	3,492	0	1,378	0	0	4,807	11	-78
17	221.83	47,940	2,703	0	3,696	0	2,628	0	0	4,721	11	-229
18	222.61	50,006	2,066	0	3,748	0	2,414	0	145	4,940	11	-24
19	221.27	46,469	-3,537	0	3,716	0	1,271	0	1,733	4,980	11	-46
20	222.31	49,208	2,739	0	3,834	0	3,326	0	1,727	4,296	11	255
21	223.67	52,840	3,632	0	3,871	0	4,587	0	1,732	5,118	11	234
22	223.19	51,554	-1,286	0	2,146	0	2,990	0	1,737	4,152	12	117
23	222.84	50,619	-935	0	821	0	2,834	0	0	4,141	13	28
24	222.11	48,677	-1,942	0	492	0	2,973	0	0	4,306	13	-125
25	221.33	46,626	-2,051	0	552	0	2,702	0	0	4,367	13	92
26	220.10	43,411	-3,215	0	707	0	2,901	0	0	5,179	13	-37
27	220.19	43,645	234	0	712	0	2,845	0	0	3,505	13	79
28	220.50	44,453	808	0	668	0	3,127	0	0	3,465	13	90
29	221.77	47,782	3,329	0	686	0	3,770	0	0	2,839	14	75
30	222.47	49,634	1,852	0	768	0	2,973	0	0	2,835	9	37
31	222.86	50,673	1,039	0	796	0	2,416	0	0	2,620	10	-58
Total			-1,496	0	80,093	0	79,964	0	7,074	151,907	371	-1,456
Mean cfs			---	0	2,584	0	2,579	0	228	4,900	12	-47
Acre-feet			-1,496	0	158,861	0	158,611	0	14,033	301,314	736	-2,885

1/ Pump-in located at Mile 79.67R.

2/ Includes 81 AF delivered to DFG at O'Neill Forebay and 655 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

March 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet) 1/	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 2/	Parks and Rec. Del.		
Feb 28	542.37	2,019,836							
1	542.30	2,018,947	-889	0	0	128	0	-320	
2	542.30	2,018,947	0	0	0	62	0	62	
3	542.30	2,018,947	0	0	0	84	0	84	
4	542.30	2,018,947	0	0	0	31	0	31	
5	542.30	2,018,947	0	0	0	31	0	31	
6	542.30	2,018,947	0	0	0	31	0	31	
7	542.30	2,018,947	0	0	0	30	0	30	
8	542.23	2,018,059	-888	0	0	31	0	-417	
9	542.20	2,017,679	-380	0	0	49	0	-143	
10	542.18	2,017,425	-254	0	0	82	0	-46	
11	542.18	2,017,425	0	0	0	80	0	80	
12	542.20	2,017,679	254	0	0	78	0	206	
13	542.10	2,016,411	-1,268	0	0	78	0	-561	
14	542.10	2,016,411	0	0	0	54	0	54	
15	542.11	2,016,537	126	0	0	32	0	96	
16	542.10	2,016,411	-126	0	0	30	0	-34	
17	542.10	2,016,411	0	0	0	28	0	28	
18	542.11	2,016,537	126	145	0	27	0	-54	
19	542.30	2,018,947	2,410	1,733	0	27	0	-491	
20	542.60	2,022,755	3,808	1,727	0	27	0	220	
21	543.10	2,029,106	6,351	1,732	0	32	0	1,502	
22	543.30	2,031,649	2,543	1,737	0	22	0	-433	
23	543.30	2,031,649	0	0	0	25	0	25	
24	543.30	2,031,649	0	0	0	19	0	19	
25	543.30	2,031,649	0	0	0	16	0	16	
26	543.30	2,031,649	0	0	0	20	0	20	
27	543.30	2,031,649	0	0	0	16	0	16	
28	543.30	2,031,649	0	0	0	15	0	15	
29	543.30	2,031,649	0	0	0	14	0	14	
30	543.30	2,031,649	0	0	0	17	0	17	
31	543.30	2,031,649	0	0	0	22	1	23	
Total			11,813	7,074	0	1,238	1	121	
Mean cfs			---	228	0	40	0	4	
Acre-feet			11,813	14,033	0	2,453	1	234	

1/ Water surface elevations remained constant for multiple days due to equipment problems.

2/ Pacheco Tunnel, San Felipe Split; Santa Clara: 2,205 AF and San Benito: 248 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

March 2006

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant			San Felipe Project	
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	12,221	9,384	0	0	0	0	253
2	12,741	9,916	0	0	0	0	123
3	11,094	8,269	0	0	0	0	167
4	11,519	8,700	0	0	0	0	62
5	12,794	9,969	0	0	0	0	61
6	9,473	6,653	0	0	0	0	61
7	10,664	7,823	0	0	0	0	59
8	12,551	9,698	0	0	0	0	61
9	11,091	9,443	0	0	0	0	98
10	9,245	7,585	0	0	0	0	163
11	11,340	9,672	0	0	0	0	159
12	13,871	12,268	0	0	0	0	155
13	10,436	8,769	0	0	0	0	155
14	11,203	9,582	0	0	0	0	108
15	9,620	7,979	0	0	0	0	63
16	9,535	7,919	0	0	0	0	60
17	9,365	7,760	0	0	0	0	55
18	9,799	8,127	0	0	288	-7	54
19	9,878	8,285	0	0	3,438	-8	54
20	8,522	6,873	0	0	3,426	-2	53
21	10,152	8,485	0	0	3,435	7	63
22	8,235	6,579	0	0	3,446	10	44
23	8,214	7,220	0	0	0	0	49
24	8,541	7,536	0	0	0	0	37
25	8,661	7,654	0	0	0	0	31
26	10,273	9,211	0	0	0	0	40
27	6,953	5,961	0	0	0	0	32
28	6,872	5,880	0	0	0	0	29
29	5,631	4,648	0	0	0	0	28
30	5,623	4,632	0	0	0	0	33
31	5,197	4,184	0	0	0	0	43
Total	301,314	246,664	0	0	14,033	0	2,453

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

March 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Capacity 34,560 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Feb 28	327.12	20,258					
1	327.17	20,281	23	12	0	0	-0.8
2	327.22	20,304	23	12	0	0	-0.8
3	327.26	20,323	19	10	0	0	-0.8
4	327.56	20,463	140	71	0	0	-0.8
5	327.67	20,515	52	26	0	0	0.4
6	327.76	20,557	42	21	0	0	0.3
7	327.50	20,435	-122	22	0	83	-1.0
8	327.38	20,379	-56	30	0	58	-0.5
9	327.47	20,421	42	21	0	0	0.3
10	327.54	20,454	33	17	0	0	-0.7
11	327.65	20,505	51	26	0	0	-0.6
12	327.75	20,552	47	46	0	23	1.4
13	327.55	20,458	-94	52	0	100	1.2
14	327.69	20,524	66	67	0	33	-1.4
15	328.02	20,679	155	78	0	0	0.3
16	328.21	20,769	90	45	0	0	0.7
17	328.50	20,906	137	69	0	0	0.1
18	328.84	21,067	161	81	0	0	0.3
19	329.00	21,143	76	38	0	0	0.6
20	329.24	21,258	115	58	0	0	0.0
21	330.03	21,637	379	191	0	0	0.2
22	330.11	21,676	39	78	0	58	-0.7
23	329.49	21,377	-299	49	0	200	0.5
24	328.84	21,067	-310	44	0	200	-0.6
25	328.48	20,896	-171	30	0	116	-0.4
26	328.65	20,977	81	41	0	0	-0.3
27	328.78	21,038	61	31	0	0	-0.5
28	328.91	21,100	62	31	0	0	0.5
29	329.11	21,196	96	48	0	0	0.8
30	328.90	21,096	-100	41	0	92	1.2
31	328.21	20,769	-327	35	0	200	0.3
Total		511	1,421	0	1,163	-0.8	
Mean cfs		---	46	0	38	---	
Acre-feet		511	2,819	0	2,307	-1	

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

March 2006

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Feb 28	602.65	829					
1	602.65	829	0	3	0	3	0
2	602.65	829	0	3	0	3	0
3	602.70	832	3	5	0	3	-1
4	602.65	829	-3	1	0	3	1
5	602.65	829	0	3	0	3	0
6	602.65	829	0	3	0	3	0
7	602.65	829	0	3	0	3	0
8	602.65	829	0	2	0	2	0
9	602.65	829	0	3	0	3	0
10	602.65	829	0	3	0	3	0
11	602.65	829	0	3	0	3	0
12	602.65	829	0	3	0	3	0
13	602.65	829	0	3	0	3	0
14	602.65	829	0	3	0	3	0
15	602.65	829	0	2	0	2	0
16	602.65	829	0	2	0	2	0
17	602.65	829	0	2	0	2	0
18	602.65	829	0	3	0	3	0
19	602.65	829	0	3	0	3	0
20	602.65	829	0	2	0	2	0
21	602.65	829	0	2	0	2	0
22	602.65	829	0	2	0	2	0
23	602.65	829	0	3	0	3	0
24	602.65	829	0	2	0	2	0
25	602.65	829	0	2	0	2	0
26	602.65	829	0	2	0	2	0
27	602.65	829	0	2	0	2	0
28	602.65	829	0	2	0	2	0
29	602.65	829	0	2	0	2	0
30	602.65	829	0	2	0	2	0
31	602.65	829	0	2	0	2	0
Total			0	78	0	78	0
Mean cfs			---	3	0	3	---
Acre-feet			0	155	0	155	0

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		158,611						
3A		San Luis Reservoir		Department of Parks and Recreation	1	2,205		1	0		
				San Felipe Division Santa Clara Water District	2,205						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	248	248					
				Reach 3A Subtotal:	2,454	2,453	0	1	0		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	0			0	0		
				Cattle Program	0						
				Department of Fish & Game	81			44	37		
		Thru	70.91	San Luis Water District	655	655					
			85.08	(Floodwater Inflow)	0						
				Reach 3 Subtotal:	736	655	0	44	37		
		Dos Amigos Pumping Plant	86.73		301,314						
4	14		89.03			2,897					
			Thru 94.06	San Luis Water District	2,897						
			89.66				569				
			Thru 89.67	Pacheco Water District	569						
			89.68	Panoche Water District	28	28					
			89.70	City of Dos Palos	66	66					
		Check No. 14	95.06								
4	15		98.15			214	214				
			Thru 104.20	San Luis Water District	214						
			96.15				1,236				
			Thru 102.64	Panoche Water District	1,236						
				(Floodwater Inflow)	0	1					
			102.64	Broadview Water District	1						
			105.22			6,593					
			Thru 108.64	Westlands Water District	6,593						
		Check No.15	108.50								
			Reach 4 Subtotal:	11,604	11,604	0	0	0	0		
			San Felipe Division Total:	2,453	2,453	0	0	0	0		
			Pacheco Water District Total:	569	569	0	0	0	0		
			Broadview Water District Total:	1	1	0	0	0	0		
			City of Dos Palos Total:	66	66	0	0	0	0		
			SLWD Reach 4 Subtotal:	3,111	3,111	0	0	0	0		
			Panoche Water District Total:	1,264	1,264	0	0	0	0		
			SLWD Total:	3,766	3,766	0	0	0	0		
			Westlands WD Reach 4 Subtotal:	6,593	6,593	0	0	0	0		

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
5	16		110.52	(Reverse flow, Kings River)	0	6,118		0	0		
				Westlands Water District	6,118						
				Thru	Dept. of Fish and Game @ Lat. 4L						
				122.05	0						
					Dept. of Fish and Game @ Lat. 6L						
					0						
		Check No. 16	122.07		Dept. of Fish and Game @ Lat. 7L	0		0	0		
	17		124.18	Westlands Water District	4,259	4,259		0	0		
			Thru								
		Check No. 17	132.95								
6	18		133.81	Westlands Water District	7,374	7,374		0	0		
			Thru								
			142.61								
			Pleasant Valley Pumping Plant	Westlands Water District	5,278		5,278	336	336		
				City of Coalinga	336						
		Check No. 18	143.23								
				Reach 5 Subtotal:	23,365	23,365	0	0	0		
	19		145.26	GWF Energy	0	1/ 123		0	0		
				City of Huron	0						
				Kings County to Lemoore NAS Through WWD	123						
			Thru	Kings County through WWD 30L	0						
			151.19	Westlands Water District	9,421	9,421					
		Check No. 19	155.64								
				Reach 6 Subtotal:	9,544	9,421	123	0	0		
7	20		156.34	City of Huron	63	63		0	0		
			156.40	SWP Construction @ Lat. 24R	0						
			Thru	Westlands Water District	3,930		3,930	198	198		
			163.69								
		Check No. 20	164.69								
	21		164.79	City of Avenal	198	198		0	0		
			167.04	Westlands Water District	2,119						
			Thru								
			171.67								
		Check No. 21	172.40		250,072	2,119					
				Reach 7 Total:	6,310	6,310	0	0	0		
				SWP Construction Total:	0	0	0	0	0		
				Westlands WD Total:	45,092	45,092	0	0	0		
				City of Coalinga Total:	336	336	0	0	0		
				City of Huron Total:	63	63	0	0	0		
				Kings County to Lemoore NAS Through WWD	123	0	123	0	0		
				City of Avenal Total:	198	198	0	0	0		
				Total San Luis Field Division Deliveries:	54,013	53,808	123	45	37		

1/ Long-term POD from County of Kings to Lemoore Naval Air Base - includes 33 AF of Table A water and 90 AF of Article 21 water.

Table 20. Consolidated State-Federal San Luis Canal 1/Daily Operations
March 2006

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 Department of the Interior
 Bureau of Reclamation
 Central Valley Project

State of California
 The Resources Agency
 Department of Water Resources
 State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Feb 28	27,196								
1	27,780	584	0	6,161	64	19	890	4,640	-253
2	27,526	-254	0	6,423	68	28	899	5,419	-137
3	27,309	-217	0	5,593	68	28	899	4,694	-14
4	27,908	599	0	5,807	68	28	899	4,273	-237
5	28,589	681	0	6,450	68	28	899	5,405	293
6	27,542	-1,047	0	4,776	68	28	899	4,731	422
7	27,655	113	0	5,376	68	28	899	4,461	137
8	29,193	1,538	0	6,328	68	28	899	4,601	43
9	29,572	379	0	5,592	64	23	799	4,308	-207
10	28,511	-1,061	0	4,661	64	23	799	4,181	-129
11	27,178	-1,333	0	5,717	64	23	799	5,585	82
12	27,923	745	0	6,993	64	23	799	5,688	-43
13	27,765	-158	0	5,261	64	23	799	4,250	-205
14	29,049	1,284	0	5,648	64	23	799	3,970	-144
15	28,571	-478	0	4,850	65	24	799	3,660	-543
16	28,368	-203	0	4,807	58	13	640	4,147	-51
17	28,546	178	0	4,721	58	13	640	4,101	181
18	28,446	-100	0	4,940	58	13	640	4,166	-114
19	28,080	-366	0	4,980	58	13	640	4,882	428
20	27,973	-107	0	4,296	58	13	640	3,681	42
21	28,261	288	0	5,118	58	13	640	4,064	-198
22	27,751	-510	0	4,152	58	13	640	3,544	-154
23	27,601	-150	0	4,141	52	17	641	3,450	-56
24	27,462	-139	0	4,306	52	17	650	3,271	-386
25	27,737	275	0	4,367	52	17	650	3,538	28
26	28,368	631	0	5,179	52	17	650	4,256	114
27	28,811	443	0	3,505	52	17	650	2,625	62
28	28,914	103	0	3,465	52	17	650	3,124	430
29	29,109	195	0	2,839	52	17	650	2,452	431
30	29,284	175	0	2,835	65	18	655	2,381	372
31	28,871	-413	0	2,620	64	32	645	2,530	444
Total		1,675	0	151,907	1,888	637	23,097	126,076	638
Mean cfs		---	0	4,900	61	21	745	4,067	21
Acre-feet		1,675	0	301,314	3,746	1,264	45,813	250,072	1,256

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 569 AF to Pacheco W.D., 66 AF to the City of Dos Palos, and 3,111 AF to San Luis Water District.

3/ Includes 63 AF to the City of Huron, 198 AF to the City of Avenal, 336 AF to the City of Coalinga, 0 AF to City of Huron P&R @ 22R, 123 AF to Lemoore N.A.S. @ 30L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 1 AF to Broadview WD @ 3L, 0 AF to DFG @ 4L, 0 AF to Pilobos Wildlife @ 4L, 0 AF Mendota Fowl Habitat Area @ 6L, 0 AF SWP construciton, 5,278 AF to Pleasant Valley Pumping Plant, and 39,814 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

March 2006

23

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	125	125	55	51	58	6,206	6,791	6,279	6,343
2	93	93	46	43	50	6,792	7,038	6,665	6,595
3	136	136	58	54	59	4,845	4,840	4,421	4,328
4	159	159	51	47	52	5,102	5,062	4,755	4,709
5	179	179	59	56	64	6,525	6,214	6,269	6,018
6	86	86	44	40	44	5,647	5,809	5,531	5,437
7	129	129	54	50	55	5,787	5,851	5,532	5,531
8	107	107	43	39	45	5,563	5,532	5,263	5,135
9	86	86	46	43	48	5,361	5,316	4,970	5,059
10	101	101	48	47	51	4,818	5,055	4,734	4,686
11	101	101	52	48	53	5,939	6,025	5,718	5,767
12	77	77	60	55	61	7,302	7,351	6,990	6,975
13	49	49	38	36	40	5,557	5,795	5,120	5,347
14	52	52	39	36	40	5,988	5,942	5,597	5,555
15	57	57	56	53	59	5,730	5,855	5,548	5,519
16	69	69	60	56	62	5,299	5,383	5,118	5,107
17	74	74	48	45	50	5,825	5,880	5,497	5,519
18	119	119	40	37	42	6,145	6,149	5,923	5,966
19	77	77	54	16	57	6,936	7,379	7,094	7,278
20	54	54	24	25	26	5,105	5,402	5,119	5,011
21	90	90	66	62	65	5,511	5,492	5,089	5,061
22	48	48	45	41	46	4,537	4,673	4,287	4,262
23	66	66	48	45	51	4,437	4,529	4,127	4,183
24	88	88	48	44	49	4,105	4,176	3,813	3,931
25	122	122	56	51	58	4,083	4,129	3,868	3,830
26	98	98	55	52	59	6,041	6,510	6,210	6,257
27	81	81	49	46	52	3,670	3,960	3,700	3,660
28	117	117	59	54	61	4,035	4,086	3,727	3,606
29	85	85	36	33	37	3,080	3,060	2,841	2,782
30	137	137	40	37	42	3,070	3,115	2,882	2,785
31	140	140	41	38	41	3,553	3,503	3,302	3,304
Total	3,002	3,002	1,518	1,380	1,577	162,594	165,902	155,989	155,546

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diver- sions	Deliveries									
	Beginning and Ending		Mile			Table A	USBR	Article 21	Ex- change	Un- scheduled	Other Art. 21	Other Table A			
	No.	Structure													
7	21	Check No. 21	172.40		250,072										
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	72					72					
				County of Kings TL - A	0										
				Tulare Lake Basin WSD TL-A	4,186										
				175.18 Dudley Ridge WD - 1	470										
				177.54 Dudley Ridge WD - 1B	92										
				180.64 Tulare Lake Basin WSD - C	0										
				180.65 Dudley Ridge WD - 1A	1,322										
				182.99 Dudley Ridge WD - 2	1,212										
				183.00 Tulare Lake Basin WSD TL - B	3,156										
				County of Kings TL-B	0										
31A				184.00 Dudley Ridge WD - Paramount	3										
8D				184.63 Coastal Branch	3,002					301					
				184.78 Dudley Ridge Water Dist. Dudley Ridge WD - 3	301										
				Dudley Ridge Reach 8D Total:	3,400										
				Tulare Lake Basin WSD Total:	7,342										
				Check No. 22	184.82										
9	23		189.69	Kern County Water Agency Lost Hills Water Dist. - 1	1,170					1,170					
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	30										
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	2										
				196.40 Kern County Water Agency Berrenda Mesa - 2	0										
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	20										
				KCWA Reach 9 Subtotal:	1,222										
				Check No. 23	197.05										
10A	24		201.24	Kern County Water Agency Lost Hills Water Dist. - 7	84					84					
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	1,524										
				204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0										
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	2										
			Check No. 24	207.94											
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	620					472					
			209.78	Kern National Wildlife Refuge USBR BV-1B	0										
				Kern County Water Agency Buena Vista WSD 1B	14										
				KCWA Semitropic WSD	9,536		100	4,840	7,747		1/ 3,317	2/ 1,279			
			209.80	KCWA Semitropic WSD Penstocks	7,747										
				USBR Total:	0										
				KCWA Reach 10A Subtotal:	19,527	248	0	14,683	0	0	3,317	1,279			

1/ Includes 3,317 AF of Santa Clara Valley WD's Article 21 water delivered to Semitropic WSD for banking and 161 AF of Alameda County WD's Article 21 water delivered to Semitropic WSD for banking.

2/ Alameda County WD's Table A water delivered to Semitropic WSD for banking.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending					Table A	USBR	Article 21	Ex-change	Un-scheduled	Other Art. 21	Other Table A		
	No.	Structure	Mile											
11B	25		210.75	Kern County Water Agency Belridge - 2	0	74	2,684	94	0	0	0	0		
			214.11	Kern County Water Agency Belridge - 3	74									
			216.62	Kern County Water Agency Belridge - 4	0									
			217.13	Kern County Water Agency Belridge - 5	2,684									
				Kern County Water Agency Belridge - 5D	94									
		Check No. 25	217.79											
				KCWA Reach 11B Subtotal:	2,852	2,852	0	0	0	0	0	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	281	32,958	2/ 8,481	0	0	0	0		
				Kern County Water Agency West Kern - 3	281									
		Check No. 26	224.92											
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0	500	32,958	2/ 8,481	0	0	0	0		
		Check No. 27	231.73											
	28		235.75	Kern County Water Agency Buena Vista - 2	0									
			238.04	Kern County WA CVC	41,939									
				DRWD CVC	0									
				Tulare Co.	0									
				Lower Tule River	0									
				Fresno Co.	0									
				Pixley ID	0									
				Hacienda										
				DWR Wells	0									
		Check No. 28	238.11											
			1/ Arvin Edison Total:	0										
			Reach 12E Subtotal:	41,939	500	0	32,958	8,481	0	0	0			
13B	29		238.19	Kern Water Bank Inflow	14,879	13,349	1,433	102	0	0	0	3/ 1,530		
				Kern Water Bank Outflow	0									
			241.02	Kern River Intertie (inflow)	0									
			242.85	KCWA Buena Vista WSD - 7	0									
				KCWA Buena Vista WSD - 5	1,433									
			243.09	Kern County Water Agency Buena Vista - 3	102									
		Check No. 29	244.54											
	30		249.85	Kern County Water Agency Buena Vista - 4	199									
				Buena Vista Pumping Plant	162,594									
				KCWA Reach 13B Subtotal:	16,613	0	0	15,083	0	0	1,530	0		
14A	31			254.47	Kern County Water Agency West Kern - 2	0	95							
				256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	95								

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Panoche WD's CVP water delivered to Rosedale Rio Bravo WSD.

3/ Dudley Ridge WD's Art.21 water delivered to Kern Water Bank for storage.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries								
	Beginning and Ending					Table A	USBR	Article 21	Ex-change	Un-scheduled	Other Art. 21	Other Table A		
	No.	Structure	Mile											
14A	31	Check No. 31	256.14			360	914	1,369	0	0	0	0		
	32		258.61		Kern County Water Agency Wheeler Ridge-Maricopa - 3									
			260.44		Kern County Water Agency Wheeler Ridge-Maricopa - 4									
			Check No. 32		261.72									
					KCWA Reach 14A Subtotal:	1,369								
14B	33		264.42		Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,619	182	1,619	0	0	0	0	0	
			266.91		Kern County Water Agency Wheeler Ridge-Maricopa - 6	182								
			Check No. 33		267.36									
	34		270.24		Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,673	1,673	3,474	0	0	0	0	0	
			Check No. 34		271.27									
					Reach 14B Total:	3,474								
14C	35		272.39		Kern County Water Agency Wheeler Ridge-Maricopa - 8	570	48	570	0	48	0	0	0	
			276.09		Kern County Water Agency Wheeler Ridge-Maricopa - 9	357								
			277.30		Kern County Water Agency Arvin-Edison WSD	48								
			Reach 14C Total:			975			927	0	48	0	0	0
	Teerink Pumping Plant			278.13			165,902			275	2,489	0	0	
15A	36		279.02		Kern County Water Agency Wheeler Ridge-Maricopa - 9A	275								
			280.06		Kern County Water Agency Wheeler Ridge-Maricopa - 10	2,489								
			Reach 15A Total:			2,764	2,764		0	0	0	0	0	
	Chrisman Pumping Plant			280.36			155,989			12	41	97	665	
16A	37		282.06		Kern County Water Agency Wheeler Ridge-Maricopa - 11	0								
			Check No. 37		283.95									
			285.01		Kern County Water Agency Wheeler Ridge-Maricopa - 12	12								
	38		286.39		Kern County Water Agency Wheeler Ridge-Maricopa - 13A	41								
			287.06		Kern County Water Agency Wheeler Ridge-Maricopa - 13	0								
			Check No. 38		287.09									
	39		287.62		Kern County Water Agency Wheeler Ridge-Maricopa - 13B	97								
			Check No. 39		290.21									
	40		291.26		Kern County Water Agency Wheeler Ridge-Maricopa - 14	665								
			293.07		Kern County Water Agency Wheeler Ridge-Maricopa - 15	107								
			Kern County Water Agency Tehachapi Cummings CWD			0								
			KCWA Reach 16A Subtotal:			922	922		0	0	0	0	0	
17E	Edmonston Pumping Plant			293.45			155,546							

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

March 2006

Reach No.	Operating Pool		Turnout	Total Diver-sions	Deliveries							
	Beginning and Ending				Table A	USBR	Article 21	Ex-change	Un-scheduled	Other Art. 21	Other Table A	
	No.	Structure	Mile									
31A	C-1	Coastal Branch Control	0.02		3,002	53	1,460					
		Las Perillas Pumping Plant	1.16		3,002							
	C-2		3.79	Green Valley Water District	0							
		Badger Hill Pumping Plant	4.27		3,002							
	C-3	Coastal Check No. 3	7.21									
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0							
		Coastal Check No. 4	9.34									
	C-5	Coastal Check No. 5	12.20									
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	53							
			14.83	Kern County Water Agency Berrenda Mesa - 1	1,460							
				Kern County Water Agency Berrenda Mesa - PO	0							
		Devil's Den Pumping Plant	14.86		1,518							
				KCWA Reach 31A Subtotal:	1,513	1,513	0	0	0	0	0	
				KCWA Total:	93,451	14,850	0	63,994	8,481	0	4,847	1,279
33A	C-7	Bluestone Pumping Plant	19.05		1,380	202	1,227	120				
	C-8	Polonio Pass Pumping Plant	26.54		1,577							
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant								
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	1,227							
		Tank Site 2	58.63	Central Coast:	0							
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	322							
		Energy Dissipater	78.12									
		Lopez T.O.	85.86	SLOCFC & WCD	0							
35	C-12			CCWA Total:	1,549	202	0	1,347	0	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0							
		Santa Maria T.O.	107.43	SBCFC & WCD	0							
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0							
38				SBCFC & WCD Total:	0	0	0	0	0	0	0	
		Tank Site 5	115.42									

Table 24. Southern Field Division Plant Data

(in acre-feet)

March 2006

Date	West Branch					East Branch								East Branch Extension			
	Oso Pumping Plant	Warne Powerplant		Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley	
		Generation	Bypass	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Cottonwood Chute		Generation	Leakage	Bypass Flume					
28	1	3,084	1,660	1,521	1,760	1,118	3,187	0	116	3,056	3,183	0	0	2,998	26	26	8
	2	3,075	3,168	0	3,052	0	3,447	0	93	3,225	3,359	0	0	3,265	27	27	7
	3	1,800	2,109	0	2,745	673	2,516	0	70	2,501	2,283	0	0	3,116	26	26	6
	4	1,677	1,652	0	1,415	61	3,006	0	76	2,867	2,873	0	0	3,040	0	0	0
	5	2,121	1,460	0	1,504	749	3,546	0	345	3,619	3,562	0	0	2,930	0	0	0
	6	2,312	2,797	0	3,454	0	3,109	0	58	2,875	2,938	0	0	2,909	23	22	9
	7	2,618	2,787	0	2,265	0	2,936	0	72	2,581	2,599	0	0	2,994	0	0	0
	8	2,399	2,837	0	3,213	0	2,750	0	63	2,940	3,011	0	0	3,159	0	0	4
	9	2,521	2,890	0	3,212	0	2,387	0	141	2,940	2,652	0	0	2,879	0	0	5
	10	2,315	2,403	0	3,426	0	2,480	0	0	2,462	2,102	0	0	2,711	0	0	5
	11	3,316	3,184	0	1,849	0	2,450	0	85	1,866	2,099	0	0	2,751	0	0	0
	12	4,171	3,140	0	2,099	0	2,869	0	0	2,370	2,347	0	0	2,718	0	0	0
	13	2,663	3,217	0	2,735	0	2,811	0	0	2,327	2,223	0	0	2,502	26	26	5
	14	2,922	2,909	0	3,830	0	2,753	0	0	3,054	3,054	0	0	2,446	0	0	4
	15	2,616	3,210	0	875	0	3,031	0	0	2,426	2,312	0	0	2,300	0	0	4
	16	3,265	3,171	0	3,947	859	1,928	0	24	1,732	1,772	0	0	2,283	0	0	4
	17	3,357	3,214	0	4,317	0	2,263	0	0	2,133	2,170	0	0	2,598	26	26	5
	18	3,378	3,205	0	1,168	0	2,660	0	0	2,493	2,389	0	0	1,572	0	0	0
	19	4,171	3,206	0	3,224	0	3,197	0	0	2,965	2,853	0	0	2,566	0	0	0
	20	2,620	3,204	0	3,178	0	2,520	0	0	2,264	2,237	0	0	2,699	27	27	8
	21	2,619	3,207	0	3,149	0	2,528	0	0	2,249	2,189	0	0	2,725	0	0	6
	22	1,993	1,793	0	2,725	0	2,272	0	18	2,122	2,018	0	0	2,524	0	0	5
	23	1,760	1,787	0	2,231	0	2,490	0	0	2,115	2,098	0	0	2,536	0	0	4
	24	1,757	1,781	0	1,732	0	2,066	0	0	1,914	1,873	0	0	2,650	27	27	4
	25	1,758	1,781	0	1,312	0	2,146	0	0	1,884	1,886	0	0	2,233	0	0	0
	26	4,171	1,780	0	1,139	0	2,192	0	0	2,122	1,981	0	0	2,101	0	0	0
	27	1,401	1,804	0	2,514	0	2,339	0	17	1,834	1,856	0	0	2,033	0	0	0
	28	1,487	1,774	0	1,979	0	2,179	0	0	2,013	1,977	0	0	2,069	26	26	14
	29	1,327	1,195	0	645	0	1,510	0	0	1,383	1,350	0	0	1,556	0	0	4
	30	1,324	1,193	0	1,992	0	1,551	0	0	1,384	1,153	0	0	1,934	0	0	5
	31	1,220	1,052	0	1,739	0	2,101	0	0	2,032	1,859	0	0	2,622	26	26	4
Total		77,218	74,570	1,521	74,425	3,460	79,220	0	1,178	73,748	72,258	0	0	79,419	260	259	120

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	
				Project		Natural	Project		Natural			
				Castaic Powerplant Pumpback 1/	Warne Powerplant	Stream Flow	Castaic Powerplant Generation 1/	Recreation Deliveries	To Piru Creek			
Feb 28	2573.64	164,333										
1	2573.57	164,245	-88	1,118	3,181	344	1,760	0	2,504	0	-467	
2	2572.96	163,476	-769	0	3,168	210	3,052	0	929	0	-166	
3	2572.33	162,684	-792	673	2,109	271	2,745	0	376	0	-724	
4	2572.54	162,948	264	61	1,652	243	1,415	0	277	0	0	
5	2573.73	164,447	1,499	749	1,460	190	1,504	0	180	0	784	
6	2572.57	162,986	-1,461	0	2,797	132	3,454	0	80	0	-856	
7	2573.89	164,649	1,663	0	2,787	259	2,265	0	80	0	962	
8	2573.57	164,245	-404	0	2,837	206	3,213	0	85	0	-149	
9	2572.95	163,463	-782	0	2,890	162	3,212	0	98	0	-524	
10	2572.13	162,434	-1,029	0	2,403	123	3,426	0	80	0	-49	
11	2573.03	163,564	1,130	0	3,184	167	1,849	0	80	0	-292	
12	2573.87	164,624	1,060	0	3,140	274	2,099	0	75	0	-180	
13	2574.31	165,181	557	0	3,217	308	2,735	0	75	0	-158	
14	2573.77	164,498	-683	0	2,909	182	3,830	0	75	0	131	
15	2575.87	167,166	2,668	0	3,210	103	875	0	75	0	305	
16	2575.93	167,242	76	859	3,171	75	3,947	0	75	0	-7	
17	2575.08	166,159	-1,083	0	3,214	67	4,317	0	75	0	28	
18	2576.69	168,215	2,056	0	3,205	195	1,168	0	75	0	-101	
19	2576.48	167,946	-269	0	3,206	171	3,224	0	75	0	-347	
20	2576.23	167,626	-320	0	3,204	99	3,178	0	75	0	-370	
21	2576.40	167,844	218	0	3,207	90	3,149	0	75	0	145	
22	2575.57	166,783	-1,061	0	1,793	88	2,725	0	75	0	-142	
23	2575.25	166,375	-408	0	1,787	72	2,231	0	75	0	39	
24	2575.43	166,604	229	0	1,781	59	1,732	0	75	0	196	
25	2575.84	167,127	523	0	1,781	46	1,312	0	75	0	83	
26	2576.27	167,677	550	0	1,780	54	1,139	0	75	0	-70	
27	2575.69	166,936	-741	0	1,804	83	2,514	0	75	0	-39	
28	2575.89	167,191	255	0	1,774	541	1,979	0	124	0	43	
29	2576.67	168,190	999	0	1,195	1,197	645	0	628	0	-120	
30	2575.86	167,153	-1,037	0	1,193	468	1,992	0	559	0	-147	
31	2575.04	166,108	-1,045	0	1,052	387	1,739	0	688	0	-57	
Total				1,775	3,460	76,091	6,866	74,425	0	7,968	0	-2,249

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
							Natural	Project 1/		
Feb 28	1512.15	20,021								
1	1506.80	17,973	-2,048	1,760	74	1,118	74	2,615	-75	
2	1512.30	20,080	2,107	3,052	51	0	51	895	-50	
3	1513.20	20,437	357	2,745	61	673	61	1,654	-61	
4	1510.00	19,184	-1,253	1,415	50	61	50	2,558	-49	
5	1512.00	19,962	778	1,504	38	749	38	0	23	
6	1520.30	23,369	3,407	3,454	38	0	38	0	-47	
7	1518.70	22,690	-679	2,265	41	0	41	2,827	-117	
8	1516.10	21,609	-1,081	3,213	35	0	35	4,260	-34	
9	1517.70	22,271	662	3,212	31	0	31	2,518	-32	
10	1515.30	21,282	-989	3,426	31	0	31	4,383	-32	
11	1510.90	19,532	-1,750	1,849	31	0	31	3,668	69	
12	1516.00	21,568	2,036	2,099	30	0	30	0	-63	
13	1517.30	22,104	536	2,735	27	0	27	2,170	-29	
14	1517.00	21,980	-124	3,830	26	0	26	3,928	-26	
15	1510.70	19,455	-2,525	875	25	0	25	3,376	-24	
16	1512.80	20,278	823	3,947	24	859	24	2,240	-25	
17	1512.00	19,962	-316	4,317	26	0	26	4,669	36	
18	1509.30	18,916	-1,046	1,168	28	0	28	2,234	20	
19	1517.10	22,021	3,105	3,224	25	0	25	0	-119	
20	1517.40	22,146	125	3,178	27	0	27	3,061	8	
21	1516.30	21,691	-455	3,149	32	0	32	3,633	29	
22	1518.30	22,522	831	2,725	27	0	27	1,867	-27	
23	1519.00	22,816	294	2,231	25	0	25	1,941	4	
24	1515.40	21,323	-1,493	1,732	24	0	24	3,222	-3	
25	1512.30	20,080	-1,243	1,312	23	0	23	2,532	-23	
26	1511.72	19,852	-228	1,139	22	0	22	1,345	-22	
27	1512.70	20,238	386	2,514	35	0	35	2,092	-36	
28	1512.60	20,199	-39	1,979	140	0	140	1,969	-49	
29	1513.50	20,556	357	645	138	0	138	199	-89	
30	1512.80	20,278	-278	1,992	80	0	80	2,200	-70	
31	1513.50	20,556	278	1,739	80	0	80	1,381	-80	
Total				535	74,425	1,345	3,460	1,345	69,437	
1/ Values supplied by LADWP, not verified by DWR.										

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Feb 28	1491.20	273,049								
1	1492.44	275,563	2,514	74	2,615	156	33	200	-98	
2	1492.83	276,357	794	51	895	87	55	200	16	
3	1493.64	278,009	1,652	61	1,654	119	30	200	48	
4	1494.92	280,632	2,623	50	2,558	87	48	103	79	
5	1494.86	280,509	-123	38	0	58	31	103	-85	
6	1494.83	280,447	-62	38	0	48	198	103	153	
7	1496.21	283,290	2,843	41	2,827	53	211	103	236	
8	1498.06	287,129	3,839	35	4,260	46	341	105	-56	
9	1499.11	289,321	2,192	31	2,518	43	294	105	-1	
10	1500.95	293,185	3,864	31	4,383	43	534	105	46	
11	1502.31	296,062	2,877	31	3,668	48	698	99	-73	
12	1501.98	295,362	-700	30	0	48	702	80	4	
13	1502.57	296,613	1,251	27	2,170	45	969	80	58	
14	1503.95	299,552	2,939	26	3,928	43	899	80	-79	
15	1504.88	301,542	1,990	25	3,376	45	1,335	80	-41	
16	1505.48	302,830	1,288	24	2,240	43	1,134	80	195	
17	1507.17	306,475	3,645	26	4,669	50	893	74	-133	
18	1507.79	307,819	1,344	28	2,234	53	893	74	-4	
19	1507.43	307,038	-781	25	0	50	893	74	111	
20	1508.33	308,992	1,954	27	3,061	50	967	74	-143	
21	1509.51	311,564	2,572	32	3,633	63	1,026	74	-56	
22	1509.90	312,417	853	27	1,867	50	992	74	-25	
23	1510.20	313,074	657	25	1,941	50	1,087	74	-198	
24	1511.16	315,183	2,109	24	3,222	46	1,231	74	122	
25	1511.71	316,394	1,211	23	2,532	46	1,310	74	-6	
26	1511.71	316,394	0	22	1,345	43	1,316	74	-20	
27	1511.83	316,659	265	35	2,092	46	1,807	74	-27	
28	1512.31	317,719	1,060	140	1,969	190	1,697	74	532	
29	1512.00	317,034	-685	138	199	238	1,287	0	27	
30	1512.37	317,852	818	80	2,200	121	1,411	0	-172	
31	1512.31	317,719	-133	80	1,381	95	1,350	0	-339	
Total				44,670	1,345	69,437	2,203	25,672	2,714	
71										

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Rec.	Article 21	Local	Flexible Payback	
	No.	Structure	Mile								
29A	42	Oso Pumping Plant	1.49		77,218						
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved						
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub						
29G		Warne Power Plant	14.07		74,570						
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	0						
				United WA (T300)	0						
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0						
29J	W4	Castaic Power Plant	25.82	(3,460 AF pumpback) 2I	74,425						
		Elderberry Forebay									
		Forebay Dam	28.12								
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	21		21	24,355	24,355		
		Castaic Dam	31.47								
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	24,355						
				Castaic Lake WA 18", 24" & 54" (T303)	390						
				Castaic Lake WA Rio Vista T.P. (T304)	906						
				MWD-Ventura Co. WPD (T302)	0						
					0						
				Releases to Lagoon	2,714						
				Reach 30 Subtotal:	25,672		1,296	21	24,355	0	0
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0						
		Castaic Lagoon Outlet	31.87		2,679						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River		
Feb 28	3352.38	72,436											
1	3352.78	72,820	384	3,183	0	144	3	0	2,998	0	86	144	23
2	3352.95	72,983	163	3,359	0	83	3	0	3,265	0	85	74	23
3	3352.33	72,389	-594	2,283	0	144	2	1	3,116	0	85	183	23
4	3352.24	72,302	-87	2,873	0	99	3	0	3,040	0	85	69	23
5	3352.78	72,820	518	3,562	0	71	3	0	2,930	0	85	-97	23
6	3352.95	72,983	163	2,938	0	71	3	0	2,909	0	85	151	23
7	3352.61	72,657	-326	2,599	0	127	3	0	2,994	0	27	-28	23
8	3352.75	72,791	134	3,011	0	89	3	0	3,159	0	0	196	23
9	3352.47	72,523	-268	2,652	0	71	3	0	2,879	0	0	-109	23
10	3351.93	72,006	-517	2,102	0	67	3	0	2,711	0	0	28	23
11	3351.51	71,606	-400	2,099	0	71	0	0	2,751	0	0	181	23
12	3351.26	71,368	-238	2,347	0	71	0	0	2,718	0	0	62	23
13	3351.46	71,558	190	2,223	0	61	0	0	2,502	0	0	408	23
14	3352.05	72,121	563	3,054	0	61	0	0	2,446	0	0	-106	23
15	3352.05	72,121	0	2,312	0	61	2	1	2,300	0	0	-70	23
16	3351.60	71,691	-430	1,772	0	61	3	0	2,283	0	0	23	24
17	3351.40	71,501	-190	2,170	0	83	3	0	2,598	0	0	158	24
18	3352.41	72,465	964	2,389	0	110	0	0	1,572	0	24	61	23
19	3352.86	72,897	432	2,853	0	94	0	0	2,566	0	0	51	23
20	3352.47	72,523	-374	2,237	0	83	0	0	2,699	0	0	5	23
21	3352.10	72,169	-354	2,189	0	137	3	0	2,725	0	50	98	23
22	3351.65	71,739	-430	2,018	0	99	3	0	2,524	0	76	56	23
23	3351.32	71,425	-314	2,098	0	93	3	0	2,536	0	70	104	23
24	3350.67	70,809	-616	1,873	0	88	2	1	2,650	0	0	76	23
25	3350.25	70,412	-397	1,886	0	88	3	0	2,233	0	0	-135	23
26	3350.25	70,412	0	1,981	0	88	3	0	2,101	0	0	35	23
27	3350.28	70,440	28	1,856	0	88	2	0	2,033	0	0	119	23
28	3350.81	70,941	501	1,977	0	412	3	0	2,069	0	0	184	23
29	3350.87	70,998	57	1,350	0	758	2	0	1,556	0	233	-260	23
30	3350.14	70,308	-690	1,153	0	255	3	0	1,934	0	243	82	23
31	3349.38	69,594	-714	1,859	0	185	2	0	2,622	0	108	-26	24
Total				-2,842	72,258	0	4,013	64	3	79,419	0	1,342	1,715
1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.												724	

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

March 2006

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Feb 28	1558.21	65,709				
1	1558.24	65,763	54		85	
2	1558.21	65,709	-54		85	
3	1558.46	66,154	445		84	
4	1558.68	66,546	392		150	
5	1558.79	66,743	197		85	
6	1559.31	67,676	933		84	
7	1559.45	67,928	252		85	
8	1559.67	68,325	397		84	
9	1559.81	68,578	253		92	
10	1560.00	68,925	347		91	
11	1560.14	69,180	255		104	
12	1560.16	69,217	37		105	
13	1560.14	69,180	-37		139	
14	1560.14	69,180	0		104	
15	1560.27	69,417	237		105	
16	1560.55	69,930	513		105	
17	1560.66	70,131	201		105	
18	1560.74	70,278	147		105	
19	1560.88	70,535	257		105	
20	1560.88	70,535	0		104	
21	1560.85	70,480	-55		106	
22	1560.91	70,590	110		126	
23	1561.02	70,793	203		155	
24	1561.13	70,996	203		298	
25	1561.15	71,032	36		68	
26	1561.24	71,199	167		68	
27	1561.24	71,199	0		6	
28	1560.88	70,535	-664		6	
29	1561.02	70,793	258		28	
30	1560.96	70,682	-111		6	
31	1561.04	70,830	148		131	
Total			5,121	9,003	3,004	-878

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

March 2006

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A	Recreation	Article 21	Transfer	Local	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45		155,546						
	41		298.65	KCWA Tej.-Cas	Stub						
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
		Check No. 42	304.99								
19	43	Alamo Powerplant	305.73	(Includes 79,220 AF of generation and 1,178 AF of flow down Cottonwood Chute)	80,398						
			308.05	AVEK 294th Street West (T267)	0						
		Check No. 43	309.70								
	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
		Check No. 44	314.81								
	45		314.93	AVEK 235th Street West (T270)	0						
			315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	516						
				Mojave Water Agency Fairmont (T272)	49						
		Check No. 46	323.84								
				Reach 19 Total:	565	565	0	0	0	0	
20A	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	26						
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
		Check No. 48	330.82								
	49	Check No. 49	335.93								
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	2,944		2,944	7	2		
				Antelope Valley-East Kern WA Rancho Vista (T275)	7						
		Check No. 50	341.51	AVEK WA-Temp (T387)	2						
20B	51		342.06	AVEK WA-Temp (T386)	1		1	75	684		
	52	Check No. 51	342.07								
			342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0						
		Check No. 52	343.74								
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	75						
21		Check No. 53	348.17				110	15	86		
	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
22A	57		354.97	AVEK WA- Delivered through Littlerock Creek ID (T278)	0		183	183			
				Palmdale WD (T276)	794						
			354.97	Palmdale WD (T391)	0						
	58	Check No. 57	356.93								
			357.60	AVEK 95th Street East (T279)	15						
			357.72	AVEK 96th Street East (T280)	86						
			359.76	AVEK East Side Treatment Plant (T281)	183						

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

March 2006

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Recreation	Article 21	Transfer	Local		
	No.	Structure	Mile								
22B	58	Pearblossom Pumping Plant	360.61		73,748	1,912	609	1/ 724	64		
	59	Check No. 59	366.09								
	60		366.50	AVEK Big Rock Siphon (T368)	0						
	Check No. 60		373.94								
	61	Check No. 61	379.00								
	62	Check No. 62	384.26								
	63	Check No. 63	389.20	Mojave Water Agency White Road 24" & 42" (T282)	1,912						
	64	Check No. 64	395.10								
	65	Check No. 65	400.32								
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	609						
23		Check No. 66	403.41								
		Mojave Siphon	405.58	Las Flores Ranch Exchange	724						
24		Mojave Siphon Powerplant	405.65		72,258						
		Silverwood Lake	407.65	MWA CS DAM (T288)	0						
25				California State Park Silverwood (T288)	3						
		San Bernardino Intake Tunnel	407.70	Crestline-Lake Arrowhead WA Non-Project Water (T289)	64						
26A		Devil Canyon Powerplant	412.73		79,419						
	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)	0						
				MWD-Rialto (T293)	42,537						
				Desert Water Agency Transfer (T293)	0						
				Coachella Valley WD Transfer (T293)	0						
				MWD EBX-1 (T290)	1,547						
				MWD EBX-1 (T291)	7,436						
				East Branch Extension	2,750						
28G	69	Santa Ana Valley Pipeline	425.46			2,751	13,443	176	-1		
28H			433.06	MWD-SC Box Springs (T295)	4,368						
			440.05	MWD-SC Perris Bypass Pipeline (T296)	13,443						
28J		Lake Perris	442.00	MWD-SC (T297)	176						
			443.44	MWD-SC 54" & 78" (T299)	2,828						
				Calif. State Park Lake Perris Recreation (T298)	0						
				MWD Total:	96,690	0	0	96,690	0	0	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Includes 0 AF to San Gabriel Valley MWD, 2,630 AF to San Bernardino Valley MWD, and 121 AF to San Gorgonio Pass WA.

3/ San Bernardino Valley MWD 1 AF of local water introduced, a credit of 1 AF applied.

Table 32. Water Quality At Selected SWP Locations

March 2006

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO ₃	32	54	40	44	45	50	53	55	53
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Bromide	mg/l	<0.01	0.01	0.06	0.08	0.07	0.09	0.11	0.10	0.12
Calcium	mg/l	7	8	12	14	14	16	16	17	17
Carbon - Dissolved Organic	mg/l as C	NR	12	3	3	3	3	3	3	4
Carbon - Total Organic	mg/l as C	NR	12	3	3	3	3	4	4	5
Chloride	mg/l	1	8	25	30	30	34	35	37	42
Chromium	mg/l	<0.001	0.001	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
Copper	mg/l	<0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.003
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO ₃	30	45	55	64	64	73	73	80	80
Iron	mg/l	0.010	0.136	0.011	<0.005	0.011	0.022	0.024	0.030	0.027
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	6	6	7	7	8	8	9	9
Manganese	mg/l	<0.005	0.009	0.011	<0.005	0.005	<0.005	<0.005	<0.005	0.106
Nitrate + Nitrite	mg/l as N	0.04	0.10	0.53	NR	0.62	0.70	0.78	0.72	0.79
Phosphorus-Ortho	mg/l as P	<0.01	0.04	0.05	NR	0.05	0.05	<0.01	0.04	0.05
Phosphorus-Total	mg/l	0.01	0.13	0.06	NR	0.08	0.07	0.07	0.06	0.07
Selenium	mg/l	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sodium	mg/l	3	16	23	27	26	28	30	31	34
Specific Conductance	µS/cm	74	154	228	270	265	287	318	328	336
Sulfate	mg/l	2	8	29	35	34	36	37	38	38
Total Dissolved Solids	mg/l	48	100	134	155	155	162	178	185	<1
Turbidity	NTU	6	68	4	11	6	7	5	6	2
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

March 2006

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in milliSiemens/cm								Cl in mg/l		
			Net Delta Outflow Index		Rio Vista	Antioch	Chipps Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	3.36	1.57	56,965	56,965	44,859	0.19	0.22	0.16	0.16	0.18	0.17	0.32	1.55	0.37	24
2	3.55	1.71	70,846	63,905	56,719	0.18	0.00	0.15	0.16	0.18	0.17	0.31	1.53	0.33	22
3	3.84	1.83	122,174	83,328	104,911	0.16	0.00	0.12	0.16	0.17	0.17	0.33	1.47	0.32	23
4	3.79	1.65	138,088	97,018	120,093	0.16	0.00	0.13	0.16	0.17	0.17	0.40	1.45	0.32	27
5	4.03	2.04	135,288	104,672	117,758	0.15	0.00	0.14	0.16	0.16	0.17	0.28	1.44	0.28	23
6	3.91	2.09	133,533	109,482	114,363	0.15	0.00	0.11	0.15	0.16	0.17	0.27	1.43	0.25	22
7	3.43	1.87	147,472	114,909	123,886	0.15	0.00	0.11	0.15	0.16	0.17	0.26	1.44	0.22	22
8	3.08	1.71	156,903	120,159	132,984	0.15	0.00	0.11	0.15	0.16	0.17	0.24	1.47	0.22	22
9	3.52	2.01	167,337	125,401	143,522	0.14	0.00	0.11	0.14	0.17	0.17	0.24	1.46	0.21	22
10	3.71	2.23	170,875	129,948	147,477	0.15	0.00	0.11	0.14	0.17	0.17	0.22	1.45	0.21	22
11	3.69	2.17	157,204	132,426	135,242	0.16	0.00	0.11	0.13	0.17	0.17	0.40	1.62	0.22	23
12	3.45	1.86	136,659	132,779	117,866	0.16	0.00	0.12	0.13	0.17	0.17	0.23	1.65	0.22	24
13	3.04	1.53	126,824	132,321	105,547	0.16	0.00	0.12	0.13	0.18	0.17	0.24	1.65	0.23	26
14	3.31	1.87	117,230	131,243	96,094	0.16	0.00	0.13	0.12	0.18	0.17	0.27	1.65	0.24	28
15	3.03	1.59	116,740	130,276	94,034	0.17	0.00	0.14	0.12	0.18	0.17	0.25	1.68	0.24	28
16	3.06	1.64	115,970	129,382	93,475	0.17	0.00	0.15	0.12	0.18	0.17	0.40	1.66	0.23	32
17	3.30	1.69	111,407	128,324	89,224	0.16	0.00	0.15	0.13	0.18	0.17	0.40	1.64	0.22	31
18	3.24	1.63	106,481	127,111	86,141	0.17	0.00	0.15	0.13	0.18	0.17	0.40	1.60	0.23	38
19	3.24	1.58	101,305	125,753	82,155	0.17	0.00	0.15	0.13	0.18	0.17	0.40	1.55	0.23	38
20	3.27	1.62	96,643	124,297	79,850	0.17	0.00	0.15	0.13	0.18	0.17	0.25	1.53	0.24	41
21	3.27	1.52	99,253	123,105	80,825	0.17	0.00	0.15	0.13	0.19	0.18	0.26	1.51	0.25	41
22	3.04	1.41	101,686	122,131	80,508	0.15	0.00	0.15	0.14	0.19	0.18	0.27	1.46	0.21	43
23	3.02	1.45	96,874	121,033	76,191	0.17	0.00	0.15	0.14	0.18	0.18	0.26	1.38	0.22	42
24	3.18	1.62	92,971	119,864	72,472	0.17	0.00	0.15	0.14	0.18	0.18	0.26	1.44	0.24	43
25	3.98	2.16	90,942	118,707	70,689	0.16	0.00	0.16	0.14	0.18	0.18	0.40	1.62	0.24	44
26	3.38	1.62	97,785	117,902	73,155	0.16	0.00	0.16	0.15	0.18	0.18	0.25	1.56	0.23	44
27	3.68	1.86	117,590	117,891	92,534	0.16	0.00	0.15	0.15	0.18	0.18	0.25	1.45	0.24	46
28	4.20	2.38	122,411	118,052	95,741	0.16	0.00	0.15	0.15	0.18	0.18	0.24	1.38	0.23	46
29	4.11	2.28	121,327	118,165	94,316	0.17	0.00	0.15	0.15	0.19	0.18	0.24	1.31	0.23	47
30	4.00	2.09	124,223	118,367	94,797	0.17	0.00	0.15	0.15	0.19	0.18	0.23	1.23	0.23	47
31	4.35	2.41	121,611	118,471	93,929	0.17	0.00	0.14	0.15	0.19	0.18	0.40	1.06	0.22	46

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/	March 2006
NORTH BAY AQUEDUCT	March 15, 2006	Diuron	4.60	
BARKER SLOUGH PUMPING PLANT		Simazine	0.46	
HARVEY O.BANKS	March 15, 2006	Simazine	0.05	
DELTA PUMPING PLANT		Diuron	0.40	
O'NIELL FOREBAY OUTLET	March 15, 2006	Diuron	0.48	
CHECK 13		Simazine	0.05	
DELTA MENDOTA CANAL	March 15, 2006	Diuron	0.47	
UPSTREAM OF McCABE ROAD		Simazine	0.05	
CALIFORNIA AQUEDUCT NEAR	March 14, 2006	Diuron	0.69	
KETTLEMAN CITY (CK 21)		Simazine	0.03	
CALIFORNIA AQUEDUCT NEAR	March 15, 2005	none		
HYW 119 (CHECK 29)				
CALIFORNIA AQUEDUCT AT	March 15, 2006	Diuron	0.60	
TEHACHAPI AFTERBAY (CK 41)		Simazine	0.02	
DEVIL CANYON HEAD WORKS	March 15, 2006	Simazine	0.02	
		Diuron	0.54	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)		March 2006						
Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	13,869,060	0	3,330	8,840	1,432,560	1,432,560	169,140	880
2	13,846,660	0	3,570	9,430	1,432,940	1,432,940	183,870	840
3	13,606,370	0	4,360	10,130	1,045,420	1,045,420	194,450	850
4	17,034,880	0	3,660	9,000	2,408,140	2,408,140	226,230	810
5	16,128,960	0	2,560	7,810	2,015,570	2,015,570	181,370	810
6	17,896,910	0	3,810	9,390	1,300,810	1,300,810	196,600	810
7	16,802,220	0	3,490	8,460	1,357,900	1,357,900	176,110	810
8	16,464,490	0	3,530	8,560	1,359,310	1,359,310	157,270	810
9	14,701,350	0	3,670	8,580	1,143,960	1,143,960	167,980	810
10	17,953,940	0	3,410	9,480	1,145,860	1,145,860	166,240	820
11	17,762,890	0	3,620	9,140	1,141,160	1,141,160	163,940	810
12	16,140,820	0	3,610	9,860	1,354,450	1,354,450	163,910	810
13	16,292,530	0	4,110	9,770	1,329,890	1,329,890	135,130	810
14	13,567,210	0	2,950	8,230	1,068,640	1,068,640	123,500	810
15	12,779,330	0	4,060	8,540	1,096,510	1,096,510	124,930	820
16	15,118,210	0	3,720	9,640	921,230	921,230	111,170	810
17	14,885,750	0	2,640	7,610	1,384,470	1,384,470	65,480	830
18	15,455,960	0	4,160	10,880	1,384,060	1,384,060	38,080	800
19	10,781,090	0	3,460	9,140	876,910	876,910	32,850	800
20	13,569,250	0	650	2,780	2,022,350	2,022,350	39,100	830
21	14,440,950	0	460	500	2,461,250	2,461,250	46,860	810
22	14,488,830	0	460	500	1,749,310	1,749,310	38,370	800
23	14,392,720	0	310	510	1,793,990	1,793,990	37,570	800
24	14,458,490	0	450	520	1,646,020	1,646,020	36,290	800
25	14,476,660	0	440	500	1,620,610	1,620,610	36,210	790
26	16,922,210	0	430	490	1,686,930	1,686,930	36,140	800
27	17,217,830	0	430	490	1,638,990	1,638,990	42,370	800
28	17,337,750	0	2,280	490	1,971,000	1,971,000	37,440	850
29	17,006,010	0	3,930	7,090	2,013,100	2,013,100	37,770	810
30	17,251,490	0	4,590	6,060	1,630,720	1,630,720	39,330	850
31	17,871,830	0	4,570	9,120	1,525,150	1,525,150	41,500	810
Total	480,522,650	0	86,720	201,540	46,959,210	46,959,210	3,247,200	25,300

Table 36. San Luis Field Division Energy Data

(in kWh)

March 2006

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,652,230	1,268,230	0	0	22,120	22,120
2	1,731,160	1,347,160	0	0	23,000	23,000
3	1,506,240	1,122,240	0	0	24,130	24,130
4	1,566,860	1,182,860	0	0	23,270	23,270
5	1,739,190	1,355,190	0	0	22,660	22,660
6	1,287,880	903,880	0	0	22,880	22,880
7	1,437,930	1,053,930	0	0	22,500	22,500
8	1,689,180	1,305,180	0	0	22,460	22,460
9	1,505,680	1,281,680	0	0	23,200	23,200
10	1,245,630	1,021,630	0	0	23,430	23,430
11	1,520,800	1,296,800	0	0	23,360	23,360
12	1,868,790	1,652,790	0	0	22,910	22,910
13	1,400,190	1,176,190	0	0	23,010	23,010
14	1,546,190	1,322,190	0	0	23,120	23,120
15	1,310,620	1,086,620	0	0	22,840	22,840
16	1,318,950	1,094,950	0	0	22,060	22,060
17	1,304,250	1,080,250	0	0	23,080	23,080
18	1,310,350	1,086,350	0	0	120,340	18,340
19	1,337,220	1,121,220	0	0	1,220,810	-3,190
20	1,156,010	932,010	0	0	1,223,300	-700
21	1,363,310	1,139,310	0	0	1,225,980	1,980
22	1,112,350	888,350	0	0	1,227,430	3,430
23	1,121,640	985,640	0	0	22,010	22,010
24	1,154,160	1,018,160	0	0	21,430	21,430
25	1,167,570	1,031,570	0	0	21,380	21,380
26	1,392,020	1,248,020	0	0	21,340	21,340
27	951,050	815,050	0	0	22,030	22,030
28	939,800	803,800	0	0	22,610	22,610
29	778,740	642,740	0	0	22,520	22,520
30	770,870	634,870	0	0	22,250	22,250
31	697,180	561,180	0	0	21,670	21,670
Total	40,884,040	33,460,040	0	0	5,605,130	607,130

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

March 2006

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	9,310	24,400	39,310	36,760	40,180	1,488,590	1,749,560	3,794,530	14,339,540
2	9,360	24,190	33,320	31,260	35,000	1,634,430	1,823,910	4,044,850	14,898,060
3	10,350	26,860	41,210	39,190	41,690	1,195,710	1,246,110	2,662,800	9,801,320
4	11,770	31,230	36,630	34,040	36,860	1,240,080	1,317,460	2,893,250	10,660,820
5	12,940	32,560	42,120	40,360	44,680	1,580,300	1,616,880	3,572,110	13,607,140
6	6,690	17,900	31,450	29,350	31,730	1,358,670	1,522,030	3,376,180	12,290,700
7	9,810	24,590	38,230	36,150	39,030	1,394,920	1,538,250	3,370,590	12,569,690
8	8,460	22,670	31,100	28,890	31,960	1,340,010	1,464,160	3,197,910	11,611,270
9	6,720	17,000	33,070	31,000	33,930	1,292,490	1,386,340	3,028,700	11,195,390
10	7,780	19,640	34,890	33,770	36,270	1,170,950	1,321,540	2,893,840	10,675,770
11	7,760	21,050	37,350	34,740	37,690	1,446,460	1,582,820	3,474,160	13,029,850
12	6,250	14,760	42,510	39,750	43,390	1,756,760	1,922,030	4,244,270	15,752,040
13	4,270	10,380	27,610	26,630	28,990	1,343,920	1,499,880	3,281,770	12,094,890
14	4,360	10,750	28,070	26,410	28,770	1,439,620	1,543,490	3,427,050	12,572,500
15	4,840	11,570	40,140	37,930	41,350	1,381,100	1,520,920	3,373,620	12,485,990
16	5,590	13,460	42,570	40,290	43,160	1,285,200	1,403,170	3,126,990	11,558,920
17	5,960	14,940	34,060	32,510	35,170	1,402,910	1,532,990	3,395,890	12,475,590
18	9,020	23,160	29,110	27,310	29,870	1,488,030	1,599,380	3,620,660	13,471,190
19	6,250	15,850	38,750	36,040	39,820	1,689,890	1,921,940	4,334,060	16,419,430
20	4,420	10,970	17,670	17,030	18,780	1,239,980	1,405,290	3,107,210	11,324,370
21	7,040	18,080	46,160	44,110	45,700	1,314,550	1,412,090	3,102,410	11,515,370
22	4,090	9,840	32,360	29,760	32,720	1,087,600	1,199,460	2,618,240	9,641,970
23	5,400	12,560	34,720	32,660	35,670	1,066,260	1,169,040	2,556,640	9,475,110
24	6,830	17,930	34,600	32,520	34,870	1,003,950	1,085,190	2,331,900	8,542,750
25	9,040	23,180	40,240	37,270	40,730	1,002,860	1,071,670	2,344,450	8,683,310
26	7,430	19,230	39,590	37,920	40,860	1,481,690	1,701,490	3,771,800	14,151,510
27	6,400	15,690	35,450	33,510	36,660	910,540	1,034,010	2,240,240	8,366,600
28	9,600	26,070	42,180	39,510	42,910	976,610	1,065,610	2,275,640	8,188,940
29	6,690	17,380	26,170	24,560	26,430	751,240	796,640	1,732,820	6,313,440
30	10,710	27,400	28,820	27,010	30,040	742,890	816,820	1,748,950	6,336,310
31	11,370	29,720	29,370	27,860	29,300	867,680	927,990	2,038,830	7,514,720
Total	236,510	605,010	1,088,830	1,026,100	1,114,210	39,375,890	43,198,160	94,982,360	351,564,500

Table 38. Southern Field Division Energy Data

(in kWh)

March 2006

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	809,931	1,000,960	1,320,000	365,388	2,047,208	3,619,976	248,240	17,610	22,165	1,688
2	807,495	1,741,380	1,320,000	394,353	2,160,499	3,948,645	260,483	17,835	22,522	1,482
3	470,871	1,191,370	1,320,000	290,467	1,688,873	3,782,892	169,492	17,708	22,254	1,313
4	440,238	972,220	1,320,000	347,389	1,941,635	3,692,168	225,218	1,493	685	375
5	558,842	863,730	1,320,000	402,710	2,434,596	3,574,970	269,660	1,424	625	366
6	604,485	1,556,060	2,640,000	361,185	1,940,528	3,540,150	228,966	15,007	18,980	1,632
7	685,406	1,552,470	2,640,000	338,509	1,743,061	3,625,514	192,722	1,375	496	694
8	627,842	1,568,440	2,640,000	318,354	1,988,873	3,829,074	233,811	1,454	595	816
9	661,248	1,587,470	2,640,000	272,063	1,575,344	3,484,593	198,853	1,483	685	975
10	605,079	1,398,450	2,640,000	286,234	1,668,285	3,280,212	149,960	1,630	893	975
11	870,792	1,738,990	2,640,000	281,665	1,267,567	3,342,059	157,902	1,650	1,072	385
12	1,091,198	1,724,200	2,640,000	331,161	1,783,749	3,313,904	174,743	1,650	1,091	385
13	698,050	1,758,020	2,880,000	326,147	1,584,776	3,041,762	166,604	17,393	22,244	947
14	761,653	1,757,000	2,880,000	318,710	2,066,929	2,986,521	238,825	1,444	625	825
15	682,218	1,752,200	2,880,000	351,246	1,653,769	2,795,985	171,163	1,454	615	900
16	855,574	1,730,650	2,880,000	215,210	1,177,308	2,804,994	139,339	1,444	625	957
17	883,277	1,756,440	2,880,000	258,149	1,448,963	3,148,151	168,631	17,541	22,393	1,079
18	887,644	1,753,540	2,880,000	308,762	1,700,150	1,930,568	177,136	1,542	734	375
19	1,089,624	1,755,270	2/ 2,880,000	369,531	2,010,917	3,145,411	224,199	1,630	853	375
20	686,772	1,754,200	2/ 2,880,000	291,604	1,543,400	3,320,451	165,615	18,179	22,840	1,651
21	691,327	1,755,820	2,880,000	295,639	1,540,668	3,314,735	164,419	1,601	774	1,332
22	522,574	1,038,200	1,680,000	267,998	1,452,841	3,095,392	151,691	1,522	685	1,135
23	463,950	1,035,660	1,680,000	288,232	1,431,854	3,125,030	156,596	1,454	526	985
24	464,238	1,030,600	1,680,000	239,102	1,291,276	3,261,205	146,114	17,845	22,790	919
25	462,901	1,030,660	1,680,000	250,949	1,273,649	2,708,614	146,400	1,355	486	385
26	1,094,545	1,030,870	1,680,000	257,664	1,436,570	2,567,395	155,419	1,375	486	0
27	366,515	1,044,060	1,680,000	273,428	1,252,343	2,477,779	144,769	1,365	486	1,285
28	393,208	1,026,080	1,680,000	256,735	1,374,367	2,528,906	149,743	17,413	22,284	1,576
29	353,198	726,070	1,200,000	168,265	952,373	1,909,820	101,978	1,404	526	900
30	351,723	724,900	1,200,000	172,231	957,647	2,337,104	80,044	1,385	496	1,097
31	323,515	645,560	1,200,000	243,157	1,371,924	3,134,059	147,112	17,551	22,086	900
Total	20,265,931	42,001,540	66,360,000	9,142,237	49,761,944	96,668,038	5,505,845	205,215	234,617	28,709

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.

2/ LADWP purchased all of SWP energy delivered at Sylmar on these days.